UNIVERSITY OF MASSACHUSETTS BOSTON
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in a great
DIVISION OF CORPORATE, CONTINUING, & DISTANCE EDUCATION
Summer 2001
A learning odyssey
over 500 course sections
online courses
travel-to-learn programs
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# NEW THIS SUMMER: ONLINE COURSES

Ever since Stanley Kubrick's landmark 1968 film *2001: A Space Odyssey,* the year 2001 has been associated both with journeys to distant places and with the advance of technology. It's entirely appropriate, therefore, that UMass Boston has chosen this year to launch our first online Web-based courses, making our curriculum available to students anywhere in the world.

*The UMass Boston online course team: John Jessoe, director, Distance Learning and Video Production Center; Kitty Galaitsis, assistant to the Dean of Corporate, Continuing, and Distance Education; Maj. Richard Keating (USAF), online project manager.*

Both undergraduate and graduate courses are part of the selection. Courses have been carefully chosen to support the needs of both matriculated students and non-matriculated working professionals in fields such as nursing, education, information technology and business. A list of online courses can be found on page 63, and this list will guide you to more detailed listings, including descriptions and prerequisites, in our main credit course section on pages 6-59. More information can also be found on the distance learning page of our website (www.conted.umb.edu/dl) or on our online gateway page (www.umassbostononline.net).

All online courses have been developed by our faculty and reflect the academic integrity and quality instruction for which UMass Boston is known. These courses are offered with the assistance of eCollege, an application service provider whose customers include over 200 colleges and universities nationwide. The technology provided by eCollege permits significant enhancement of on-line course delivery.

Students can register for online courses just as they would for any other credit courses (for information, see page 79). Once enrolled, students will receive detailed instructions on how to access the course via the UMass Boston gateway at umassbostononline.net, where they will interact with instructors, other students and course material via the Internet and e-mail. The course material is divided into thirteen segments offered over a thirteen-week period and may be accessed any time, anywhere.

We are very pleased to be able to expand access to these excellent courses through the technology of the Internet to the Greater Boston community and beyond.

Sincerely,
The UMass Boston Online Course Team

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If you'd like your summer odyssey to take you beyond the confines of the classroom, consider the following unique learning adventures sponsored by the Division of Corporate, Continuing, and Distance Education in partnership with UMass Boston's academic departments. You might find yourself going almost anywhere: traveling to Europe, Asia, or the Americas in search of new truths about political and cultural life; sailing along the New England coast to study oceanography; digging into the records of the past on Shelter Island or in the rain forests of Belize; or holing up in Nantucket for a few weeks to immerse yourself in the subtleties of theatre, visual art, or marine biology.

## Haiti Today

**UMASS BOSTON AND MONTROUIS, HAITI**
**JULY 24-AUGUST 14**

This summer the Africana Studies Department at UMass Boston will offer a program on location in Haiti. The program will explore the history, politics, culture, and economy of Haiti from both external and internal perspectives. It will facilitate an understanding of Haiti through total immersion into culture, environment, language, and the country's economic, political and social realities. Students will visit significant historical, cultural, and ecological sites in various towns including day trips to St. Marc, Gonaives and Kenscoff. There will also be a two-day excursion to the town of Jacmel in the southeast part of Haiti, and a special two-day field trip to Cap Haitien and Milot. Additional activities will include presentations by local experts, participation in local cultural activities, and meetings with civic and political leaders.

Students are expected to attend two preparatory sessions at UMass Boston, read the assigned materials, and be prepared to participate in class discussions. The program fee is $1,995.

## Spanish and Culture in Mexico

**CUERNAVACA, MEXICO**
**JUNE 4-JULY 9**

This special program, offered by the Hispanic Studies Department each summer and winter in the beautiful city of Cuernavaca, Mexico, is for students interested in learning Spanish in a totally Hispanic cultural environment. The goal of the program is to develop proficiency in conversation and writing and an appreciation of Mexican culture through formal and informal instruction provided by experienced, native-speaking teachers. Participants can earn up to six credits in Spanish.

The program fee of $1,795 covers classroom instruction, materials, and program expenses including room, board, and transportation between Mexico City and Cuernavaca. It does not cover insurance or transportation between the United States and Mexico.

### To apply...

...for admission to any special summer program, contact:

Kathy FitzPatrick
Division of Corporate, Continuing, and Distance Education
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617 287-7913
Fax 617 287-7922
Email: kathleen.fitzpatrick@umb.edu

## Vietnam Today

**HUE, VIETNAM**
**JULY 15–AUGUST 9**

Vietnam is a fascinating country with a unique and vibrant society, shaped by the encounters of many peoples and cultures. The goal of this program, offered by the East Asian Studies Program, is to immerse participants in the totality of Vietnamese culture: sights and sounds, politics and economics, language and music, food and conversation. Material from the classroom will resonate as students observe firsthand its presence in the life of Vietnamese people. Through formal and informal instruction, as well as numerous field trips, students will gain a lively appreciation of the culture, language and politics of Vietnam.

Upon successful completion of the program, students receive three credits in East Asian Studies (EAsian 480: Culture, History and Politics of Modern Vietnam). Credit can also be granted in Political Science or International Relations with permission from the department. A non-credit option is also available with special permission.

The program fee of $1,745 includes instruction, field trips, housing, and all local transportation in Vietnam. The fee does not include insurance or transportation between the US and Vietnam.

## Ireland Today

**DUBLIN AND BELFAST**
**JULY 9-AUGUST 5**

This four-week program focuses on the salient political, economic and social developments that are shaping contemporary Ireland by examining historic events, economic trends, cultural traditions and political issues. Through direct observation, field trips, lectures by a variety of local experts and academics, students gain a critical appreciation of the complex interactions that are transforming the Republic of Ireland and Northern Ireland internally and within the European Union.

Upon successful completion of the program, participants will receive six academic credits in political science (PolSci 377 and 488).

The program fee is $2,595. This fee covers all instruction, field activities, housing, and group-sponsored transportation in Ireland, including travel between Dublin and Belfast. The fee does not include insurance or transportation between the U.S. and Ireland.

## Field School in Archaeology

**SHELTER ISLAND, N.Y.**
**JUNE 4–29**

This summer the department of Anthropology in conjunction with the Andrew Fiske Center for Archaeological Research will sponsor an advanced field school in historical archaeology at Sylvester Manor, Shelter Island, New York. This residential program is designed for graduate and advanced undergraduate students in anthropology, archaeology, history, and American Studies. Students accepted into the program will receive training in archaeological excavation, remote sensing, documentary research and material culture analysis as well as laboratory and field conservation techniques. Successful participants will earn six undergraduate credits for Anth 485/585 Field Research in Archaeology. Graduate credit is also available.

The fee for this program is $1,575 (undergraduate) or $1,675 (graduate). This fee covers instruction, field activities, housing, and meals on Shelter Island, but does not cover transportation to or from the island.

For more information on the program, please contact Professor Stephen Mrozowski in the UMass Boston Anthropology Department at 617 287-6842.

## Field School in Pre-Historic Archaeology in Belize

**BELIZE, CENTRAL AMERICA**
**JUNE 14-JULY 8**

This summer the Anthropology Department will offer a field school on Mayan archaeology in Belize, Central America. The project area and field camp are located in a tropical rainforest within the Programme for Belize Conservation Area—a protected reserve for flora, fauna, and archaeological remains. Students rotate weekly between different types of ongoing investigations, including survey, excavation, testing, and laboratory processing and analysis. Successful participants will be awarded six undergraduate credits for the course ANTH 485, Field Research in Archaeology. Graduate credit is also available.

The fee for the program is $2,970 (undergraduate) or $3,070 (graduate), which covers all instruction, housing, and meals. This fee does not include insurance or transportation between the US and Belize.

For further program information, please contact Dr. Lauren A. Sullivan in the Anthropology Department (tel. 617.287.6850; email lauren.sullivan@umb.edu).

## Exploring the Coastal Environment

**NEW ENGLAND COAST**
**MAY 29-JUNE 28**

This inquiry-based, hands-on program seeks to develop an awareness of the interaction between human beings and the sea by introducing concepts related to maritime history, nautical science, oceanography, and coastal zone management. This interdisciplinary approach provides participants with a unique perspective on the complex, multidimensional marine environment. Successful participants will earn six undergraduate credits.

Program highlights include a three-day research trip to the UMass Field Station on Nantucket Island and a week aboard the schooner Ernestina exploring the New England coast. These field experiences give students an opportunity to apply concepts learned in the classroom.

The program fee of $1,745 covers instruction and course materials, accommodations at the field station on Nantucket, and passage, meals, and all activities on board the *Ernestina*. The fee does not cover books, insurance, or travel to and from Nantucket.

## Certificate in Spanish/English Translation

**UMASS BOSTON CAMPUS**
**MAY 29–AUGUST 23**

The Certificate Program in Spanish/English Translation has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. This intensive twelve-week program is intended for bilingual (English-Spanish) speakers who wish to learn, improve, or expand their knowledge and skills in oral or written translation.

The program comprises two six-credit courses and offers participants either a written translation or an oral translation track. All participants enroll in Span 408: Advanced Techniques and Skills for Translation. Participants continuing in the written translation track then enroll in Span 409: Advanced Practice of Written Translation; participants continuing in the oral translation track enroll in Span 410: Advanced Oral Translation.

A certificate of translation is awarded upon successful completion of both the course work and a comprehensive examination given by a department panel.

The fee for the 12-credit program is $1,990. The fee for one 6-credit course is $995. Courses meet 9:00am-12:00 noon Monday through Thursday.

## Marine Biology on Nantucket

**NANTUCKET ISLAND**
**JUNE 25–AUGUST 24**

Each summer the Biology Department offers two five-credit courses in marine biology at the UMass field station on Nantucket Island. A biologist's paradise, the station's 115-acre property consists of a pristine 45-acre saltmarsh, a freshwater pond, and a half mile of private beach and dunes, all supporting a rich and diverse population of marine and coastal life.

Biol Z200 (Coastal Ecology; June 25–July 20) is an introduction to the biology of coastal habitats; lectures are complemented by specimen collection, field observation and laboratory work.

Biol Z346 (Maritime Ecology Research; July 23– August 24) is an upper-level course designed for biology majors. Under faculty supervision, students develop a research project, do field and laboratory work, and present their results.

The fee for each of these five-credit courses is $975; this includes housing, course and service fees. The fee does not include the cost of meals or transportation to and from Nantucket.

Note: Applicants are accepted separately for each of the two courses.

## Playwriting and Performance on Nantucket

**NANTUCKET ISLAND**
**JUNE 18–JULY 27**

The Theatre Arts Department of the University of Massachusetts Boston, now a part of the Division of Communication and Theatre Arts, has offered training in theatre and film to professionals and students on Nantucket Island each summer for more than thirty years. The emphasis most recently has been on writing and performing for the stage and screen, resulting in the production of over 125 original works in this country and abroad.

Program participants work very closely together, and one of the prerequisites for admission is a willingness to contribute to the artistic growth of all members of the program. Students are expected to become acquainted with the roles of playwright, director, designer, and actor, and to perform these roles as required. While the atmosphere is informal, the work is intense.

Housing is provided in comfortably furnished duplex apartments within walking distance of the historic town of Nantucket.

The program fee of $1,795 includes instruction and housing. Participants can earn nine credits. (A non-credit option is available by special permission.)

## Nantucket Light: Watercolor and Casein Painting

**NANTUCKET ISLAND**
**MAY 29-JUNE 13**

The impact of light on color as experienced in the Nantucket landscape is the central focus of this three-credit studio workshop conducted by Professor Wilfredo Chiesa on Nantucket Island. Students will enjoy two uninterrupted weeks of studio time on Nantucket—a unique opportunity to appreciate, through painting, the land, sea, and the architecture of this unique island. Painting created in this workshop will seek to manifest subtle as well as significant mutations in visual atmosphere resulting from incessant changes in weather patterns and variations in light at different times of day. Workshop participants will benefit from this quiet season on Nantucket, just prior to the busy summer season.

Students will be housed at the UMass Field Station on Nantucket Island situated near coastal dunes, two freshwater ponds, several freshwater swamps, one-half mile of private beach on Nantucket Harbor, and a 44-acre salt marsh. The 115-acre property serves as a wildlife refuge supporting a diverse population of plants and animals. The inspiring beauty of the landscape is complemented by Nantucket's eighteenth and nineteenth century architecture, with over 800 buildings on the National Register of Historic Places.

Prerequisite: two studio courses including drawing, or permission of the instructor.

The fee for this three-credit program is $795. This fee covers instruction and housing on Nantucket. It does not cover meals or transportation to and from Nantucket.

## American Studies Summer Institute

**"PRACTICING DEMOCRACY: BALLOT BATTLES IN THE US AND BEYOND"**
**KENNEDY LIBRARY**
**JULY 9-20**

Each year, the John F. Kennedy Library and UMass Boston invite schoolteachers and graduate students to take part in the American Studies Summer Institute, an intensive two-week program of lectures, discussions, and readings held at the library. This summer's program offers a critical examination of presidential elections in the United States. Sessions will be conducted under the direction of Paul Watanabe, professor in the department of political science at UMass Boston. Participants develop research papers or curriculum projects, and can earn three graduate credits.

The fee for this grant-supported three-credit program is $175. Enrollment is limited and selective.

For further information and application materials, write or call:

The Summer Institute
Educational Projects Division
John F. Kennedy Library
Boston, MA 02125
617 929-1211

The application deadline is June 1, 2001.

## Haitian Creole Summer Institute

**BOSTON CAMPUS**
**JULY 2-20**

The Haitian Creole Summer Institute has been offered in Massachusetts for the past sixteen years. Since the summer of 1995, the Institute has been conducted at UMass Boston under the joint collaboration of the Africana Studies Department, the Haitian Studies Project, and the Division of Corporate, Continuing, and Distance Education.

This year the Institute will have two components. There will be a four-week intensive program in different levels of Haitian Creole (fee: $550). Also offered is a course in techniques of translation for advanced students (fee: $600).

To register, use the registration form and instructions on page 67 and the following schedule numbers:

Haitian Creole I: 17411-51
Haitian Creole II: 17412-51
Haitian Creole III: 17413-51
Techniques of Haitian Creole Translation: 17821-51

For more information, write or call:

Prof. Marc Prou
Department of Africana Studies
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617 287-6796

## Boston Writing Project Summer Institute

**BOSTON CAMPUS**
**JULY 9–AUGUST 2**

The Boston Writing Project offers selected teachers—from kindergarten to college—a variety of opportunities to become better teachers of writing. Within all project activities, teachers examine the writing processes used by themselves, their colleagues, and their students; study current research, theory, and practice in the teaching of writing; and approach the teaching of writing in a cross-disciplinary context. Teachers perform daily writing assignments and meet in small groups to discuss and improve their own writing. They also make formal presentations on some aspect of the teaching of writing, hear staff and consultant presentations on key topics in the field, and read current publications on theory, research, and practice in the teaching of writing.

Teachers interested in enrolling should contact:

Institute for Learning and Teaching
Graduate College of Education
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617 287-7665

## Summer Institute in Critical Thinking: Science, Education and Society

**BOSTON CAMPUS**
**JULY 13-AUGUST 4**

This Institute, consisting of courses, workshops and presentations given by innovative and inspiring teachers, aims to bring together educators, students, and other concerned citizens who want to enliven and enrich science education and, more broadly, people's understanding of the role of science and technology in society.

Students interested in enrolling in the Summer Institute or who would like to receive more information about this program or the Certificate in Critical and Creative Thinking should contact:

Critical and Creative Thinking Program
Graduate College of Education
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617-287-6520
email: cct@umb.edu
website: omega.cc.umb.edu/~cct

**IF YOU HAVE QUESTIONS...**
...about your eligibility to enroll in UMass Boston summer courses, turn to page 75, "Academic Information."

## Academic Skills

**FUNDAMENTALS OF ALGEBRA** **MATHSK 098**

A course for students who never studied algebra in high school, or who studied it long ago or ineffectively. Introduction to algebraic notation and concepts so that students will be successful in math, and in introductory physical and social science courses. Development of successful study and test-taking techniques. Algebraic expressions-simplification, combination, and evaluation; linear equations-solving, graphing, and using them to solve word problems; exponents, scientific notation, and proportions.
*Prerequisite: Math Placement Test only.*
*3 Credits (semester credits but not graduation credits; pass/fail only)*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-012, Mr Pawlak, Sched No 704291

## Africana Studies

**SPECIAL PROGRAM**
See Page 2

**HAITI TODAY**
This program will explore Haitian history, politics, culture and economy from both external and internal perspectives. Participants can earn six credits.

**BLACK SOCIAL MOVEMENTS** **BLKSTY 108**

Concepts of social movements as well as the appearance of social movements among black Americans in the nineteenth century. Examination of twentieth century black social movements, especially Marcus Garvey's movement, the Nation of Islam, the Civil Rights movement, and the Black Power movement.
*Prerequisite: A course in sociology, political science, or African-American history.*
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-2-127, Mr Van Der Meer, Sched No 701120

**THE CIVIL RIGHTS MOVEMENT** **BLKSTY 250**

This course examines the American civil rights movement as it developed during the period from 1954 to 1965, and as it changed during the period from 1966 to 1986. The course assesses the roles played by individuals, movements, governments, and political leaders in the process of social change.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-057, Mr Van Der Meer, Sched No 701134

**AFRICAN-AMERICAN FOLKLORE** **BLKSTY L260**

This course examines the development and the significance of African-American folklore through study of its various genres: music, tales, legends, shorter verbal forms, material culture, folk belief, and folk humor. Emphasis is given to both African survivals and Indo-European influences in these genres.
*Distribution Area: Philosophical and Humanistic Studies.*
*Diversity Area: United States.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-058, Mr Azuonye, Sched No 707945

**THE BLACK IMAGE ON STAGE, SCREEN, AND TELEVISION** **BLKSTY 270**

The evolution and development of black characters and caricatures as they have been represented in theatrical and screen presentations. The material surveyed includes seventeenth and eighteenth century figures such as Caliban and Oroonoko; nineteenth century black stereotypes in minstrelsy and in postbellum productions of Uncle Tom's Cabin; and twentieth century characters in stage, film, and television productions.
*Prerequisites: Sophomore standing or permission of instructor.*
*Distribution Area: The Arts.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-061, Mr Bullins, Sched No 701148

**TECHNIQUES OF HAITIAN CREOLE TRANSLATION** **BLKSTY 480B**

This course is geared towards the native or advanced Creole language speaker who wishes to be certified as a translator or as a court interpreter. It provides participants with ample opportunities to apply techniques and skills through a series of translation assignments which form the basis for class discussion. Participants will have intensive practice in translating a variety of genres and styles both literary and non-literary. They will also be trained in techniques of consecutive and simultaneous interpretation and sight translation. Emphasis is given to accuracy, speed, delivery, command of professional lexicon, and awareness of the relationship between language and culture.
*3 Credits*
*Special course fee: $600*

EVENING, SESSION II
July 2-20, MTuWThF 5:00-8:30pm
M-2-213, Mr Prou, Sched No 708232

## American Studies

### POPULAR CULTURE IN AMERICA — AMST 101

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-062, Mr Boudreau, Sched No 700245

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00 pm
W-2-198, Ms Rubin, Sched No 709996

### THE THIRTIES — AMST 203

A study of American society and culture during the years from the Panic of 1929 to the attack on Pearl Harbor in December, 1941 using several kinds of evidence: the accounts of people who lived during the decade, the interpretations of historians, and the representations of artists, writers, and filmmakers. The objective of the course is to develop an idea of the main characteristics of American society and culture during the 1930s, a conception of the decade's significance, and an increased understanding of the processes of historical and cultural analysis and interpretation.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-2-125, Ms Raub, Sched No 707959

### THE SIXTIES — AMST C206

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-2-125, Mr Atwood, Sched No 700210

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-125, Mr Chassler, Sched No 700217

### THE EIGHTIES — AMST 208

This course will focus on the 1980s as a window on the distinct historical and cultural era from the mid-1970s through the present. Topics to be covered include: competing redefinitions of "public" and "public welfare," "family" and "family values," the increasing visibility of conservative movements, different experiences of change in work, the economy, and the cultural power of popular media.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-2-124, Mr Chassler, Sched No 700259

### AMERICAN DREAMS/AMERICAN REALITIES: MEN AND WOMEN IN SOCIETY AND CULTURE 1600-1860 — AMST 210

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and native Americans up through the Age of Reform (1830-1860). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-2-126, Ms Raub, Sched No 700273

### AMERICA ON FILM — AMST 215

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-061, Mr Goff, Sched No 707973

### SOUTHEAST ASIANS IN AMERICA — AMST L225

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-124, Ms Sychitkokhong, Sched No 707987

### ASIAN WOMEN IN THE UNITED STATES — AMST L228

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.
*Prerequisite: AmSt L223 or AmSt L225 or permission of instructor.*
*Distribution Area: Social and Behavioral Sciences.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-064, Ms Kim, Sched No 700231

### AFRICAN-AMERICAN FOLKLORE — AMST L260

This course examines the development and the significance of African-American folklore through study of its various genres: music, tales, legends, shorter verbal forms, material culture, folk belief, and folk humor. Emphasis is given to both African survivals and Indo-European influences in these genres.
*Distribution Area: Philosophical and Humanistic Studies.*
*Diversity Area: United States.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-058, Mr Azuonye, Sched No 707931

### TELEVISION IN AMERICAN LIFE — AMST 310

The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, and public broadcasting cable system capabilities.
*3 Credits*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-062, Ms Lindsey, Sched No 700287

### AMERICAN WOMEN WRITERS AND AMERICAN CULTURE — AMST L372

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-2-125, Ms Medoff, Sched No 708001

### THE KENNEDYS OF BOSTON — AMST 380

This course provides a background on the Kennedys and their times. It analyzes some of the political and cultural processes of which the Kennedys were a part, and in particular traces the rise of the Kennedy family in the context of the Boston Irish. Audio-visual material is used where appropriate to examine the role played by the media, that is, print, film, and television, then and now, in forming popular images of the Kennedy family.
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-2-124, Mr Danker, Sched No 700301

## Anthropology

**SPECIAL PROGRAM** See Page 3

### FIELD SCHOOL IN ARCHAEOLOGY ON SHELTER ISLAND

This four-week, six-credit program based in Shelter Island, N.Y. can be taken for either undergraduate or graduate credit.

**SPECIAL PROGRAM** See Page 3

### FIELD SCHOOL IN PREHISTORIC ARCHAEOLOGY IN BELIZE

This six-credit program takes students to Central America to explore Mayan archaeology.

### CULTURE AND HUMAN BEHAVIOR — ANTH C100

Our own daily behavior is often taken for granted as rational or logical, while the behavior of other groups is often seen as "strange" and incomprehensible. Looked at closely, however, the apparently strange behavior of others may become more understandable, while our own behavior may seem less rational and less ordinary. Focusing comparatively on contemporary America and non-Western societies, this course examines selected human activities, such as eating, play and sport, and making a living. The aim is to learn how the concepts and methods of sociocultural anthropology, as one of the social and behavioral sciences, help us understand human behavior, both our own and that of people in other times and places.
*Distribution Area: Social and Behavioral Sciences.*
*Diversity Area: International.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-056, Mr Waters, Sched No 700329

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-056, Mr Waters, Sched No 700336

### INTRODUCTION TO ARCHAEOLOGY AND BIOLOGICAL ANTHROPOLOGY — ANTH 102

The study of the biological and cultural heritage of humans. Topics include primate and human evolution, evolution of prehistoric cultures, and human adaptation and variation.
*Distribution Area: Natural Sciences.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
M-2-616, Mr Canuto, Sched No 700392

### INTRODUCTION TO CULTURAL ANTHROPOLOGY ANTH 103

The study of recent and contemporary human societies in cross-cultural perspective. Through the use of ethnographic accounts, the course analyzes and compares variations in processes of cultural change, and in cultural adaptations.
*Note: Anth 102 is not a prerequisite to Anth 103.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-3-407, Mr Waters, Sched No 700406

### PEOPLES AND CULTURES OF THE MIDDLE EAST ANTH C271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: International.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
M-2-616, Mr Fazel, Sched No 709744

### PEOPLES AND CULTURES OF AFRICA ANTH C272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: International.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-056, Ms Worley, Sched No 700350

### PEOPLES AND CULTURES OF MESOAMERICA (MEXICO AND GUATEMALA) ANTH C273

A survey of Mesoamerican ethnology including an introduction to cultural and linguistic regions through comparisons of ethnographic materials. Emphasis is placed on acculturation, during the colonial period, among indigenous and Spanish-speaking populations, and, in the contemporary period, on social change among rural and urban sectors.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: International.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-2-198, Ms Todd, Sched No 700364

### THE ANTHROPOLOGY OF DEATH ANTH Z280

This course is focused on the universal phenomenon of human mortality from a cross-cultural perspective. Using ethnographic reports drawn from African, Native American and European sources, students will consider how people within different socio-cultural contexts develop different ways of understanding and coping with death. Death will be examined in relation to such cultural categories as ritual, cosmology, social organization, religion and art.
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-3-407, Mr Waters, Sched No 700378

### SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY ANTH 367

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.
*Prerequisites: Anth C100, or 103, and junior standing, or permission of instructor.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-057, Ms Worley, Sched No 700420

## Art

**SPECIAL PROGRAM** See Page 4

### NANTUCKET LIGHT: WATERCOLOR AND CASEIN PAINTING

This two-week, three-credit program offers students the opportunity to appreciate, through painting, the land, sea, and architecture of Nantucket.

### THE LANGUAGE OF ART ART C100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.
*Distribution Area: The Arts.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-3-430, Ms Scollans, Sched No 700665

### RENAISSANCE TO MODERN ART ART 102

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.
*Distribution Area: The Arts.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-3-407, Ms Scollans, Sched No 708057

### AMERICAN ART IN BOSTON — ART 252

An historical survey of painting, sculpture, and architecture in Boston from the seventeenth to the early twentieth centuries. Emphasis is given to the principal theories and intellectual currents that shaped American art. Topics include an analysis of Puritan aesthetics, the search for an American style, eclecticism and diversity in the nineteenth century, and Boston impressionism.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
M-3-430, Ms Scollans, Sched No 700693

### DRAWING I — ART 281

Basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuWTh 1:30-5:00pm
H-8-016, Ms Vishlitsky, Sched No 700721

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuWTh 10:00am-1:30pm
H-8-016, Ms Behrens, Sched No 700728

### PHOTOGRAPHY I — ART 293

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography.
*Distribution Area: The Arts.*
*4 Credits*
*Lab fee: $60*

AFTERNOON, SESSION I
May 30-July 12, MWTh 1:00-5:00pm
H-8-025, Mr Mulno, Sched No 700742

LAB: AFTERNOON, SESSION I
May 29-July 10, TuF 12:30-4:30pm
Sched No 700749

### FILM/VIDEO I — ART 295

A beginning course in filmmaking, employing both super-8 and half-inch videotape equipment. The course is organized around weekly assignments of increasing complexity designed to allow the student to explore the communicative and expressive possibilities of the moving image.
*Distribution Area: The Arts.*
*4 Credits*
*Lab fee: $100*

AFTERNOON, SESSION I
May 29-July 12, TuWTh 1:00-5:00pm
W-2-206, Ms Torke, Sched No 708071

LAB: AFTERNOON, SESSION I
June 1-July 9, MF 1:00-5:00pm
Sched No 708078

### INTRODUCTION TO DIGITAL IMAGING — ART 297

Introduces students to an informed and critically engaged art practice using digital imaging software tools in a Macintosh environment. The course serves as a basic introduction to Photoshop (a digital imaging program), Pagemaker (a page layout program), and Netscape (an Internet browser). Lab hours are required for successful completion of the course.
*Prerequisite: One studio course or permission of instructor.*
*Distribution Area: The Arts.*
*4 Credits*
*Lab fee: $100*

AFTERNOON, SESSION II
July 16-August 9, MTuWTh 1:30-5:30pm
H-UL-LAB A, Ms Wagner, Sched No 708106

LAB: MORNING/AFTERNOON, SESSION II
July 20-August 3, F 9:00am-5:00pm
Sched No 708113

### THE AMERICAN GANGSTER FILM — ART 360

This course will examine the evolution of the American gangster film genre, from its "B-picture" roots in the early 1930s, through its decline at the hands of censors, to its rebirth as an "A-level" genre in the post-Vietnam era. Truncated at the height of its popularity in the early 1930s, the genre spent the better part of the next forty years in a consistent state of flux. Then in 1972, Francis Ford Coppola's *The Godfather* resurrected the genre, catapulting the gangster film to the forefront of American cinema. As we trace this evolution, we will grapple with different conceptualizations of "genre" and the importance of alternatively restrictive and empowering conventions. Beyond our exploration of how genres evolve and other stylistic and formal aspects of individual works, we will discuss gangster films as cultural artifacts that reflect the norms and values of American society in a historical context, often pointing to issues of race, ethnicity and gender. Possible films to be screened include works from early genre directors like Howard Hawks, Mervyn Leroy, and William Wellman, and their contemporary descendants like Brian DePalma, Martin Scorcese, Francis Ford Coppola, and John Huston.
*Prerequisite: ART 265 or permission of instructor.*
*3 Credits*
*Lab fee: $20*

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MTuW 10:00am-1:00pm
M-3-407, Mr Leone, Sched No 708092

### PAINTING WORKSHOP: PAINTING AND MEANING — ART 383

This class will focus on painting as a meaningful act—a gesture of the human imagination offered up to an audience for interpretation. We will look at critical issues and tensions at play in the construction of meaning in our work. The first assignment will be to freely and aggressively explore the material nature of acrylic painting; subsequent projects will focus on painting as a gesture of communication and responsibility.
*Prerequisites: Art 281 plus one additional 200-level art course or permission of instructor.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuWTh 1:30-5:00pm
H-8-013, Mr DiBona, Sched No 700763

**PHOTOGRAPHY WORKSHOP** **ART 393W**

This workshop is designed to expand knowledge of black and white photography learned in Photography I through individually initiated projects. While technical improvement is essential, emphasis is always given to the ideas and intentions behind the projects. Topics vary each semester. May be repeated for credit.
*Prerequisites: Art 293 plus one additional art course or permission of instructor.*
*4 Credits*

AFTERNOON, SESSION II
July 16-Aug 23, MWTh 1:00-5:00pm
H-8-025, Ms Shook, Sched No 700777

LAB: AFTERNOON, SESSION II
July 17-Aug 21, TuF 12:30-4:30pm
Sched No 700784

## Asian American Studies

**SOUTHEAST ASIANS IN AMERICA** **ASAMST L225**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-055, Ms Sychitkokhong, Sched No 708141

**ASIAN WOMEN IN THE UNITED STATES** **ASAMST L228**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.
*Prerequisite: AmSt L223 or AmSt L225 or permission of instructor.*
*Distribution Area: Social and Behavioral Sciences.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-064, Ms Kim, Sched No 708155

**ASIAN AMERICAN MEDIA LITERACY** **ASAMST 370**

This course analyzes media in three ways: content (the message); the political and economic structure of mass media; and the impact of the media on culture, identity, and group relationships, particularly in relation to the dynamics of race and gender for Asian Americans. The course enables students to develop a critical eye toward images and representations in media; to examine thoughtfully how their own use of media has affected their identities; and to explore the possibilities of creating alternative media which can express their voices more effectively.
*Prerequisite: Any approved Diversity course or permission of instructor.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-056, Ms Lee, Sched No 708127

## Biochemistry

**BIOCHEMISTRY I** **BIOCHM 383**

In the first of a two semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis.
*Prerequisites: Biol 210 or 212 and Chem 254, or permission of instructor.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
S-1-006, Mr Warner, Sched No 700812

## Biology

**SPECIAL PROGRAM** See Page 4

**MARINE BIOLOGY ON NANTUCKET**

Each summer the Biology Department offers two five-week courses (Biol 200 and 346) at UMass Boston's field station at Quaise, Nantucket Island.

**THE BASIS OF LIFE** **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
*Distribution Area: Natural Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-006, Mr Dean, Sched No 700826

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
M-1-409, Mr Bradley, Sched No 700833

### INTRODUCTION TO NUTRITION — BIOL 108

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
*Distribution Area: Natural Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-1-004, Mr Bradley, Sched No 700847

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-006, Mr Wilkes, Sched No 700854

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
S-1-006, Mr Toto, Sched No 700861

### GENERAL BIOLOGY I — BIOL 111

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $75*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
M-1-409, Mr Stark, Sched No 700875

LAB: AFTERNOON, SESSION I
May 30-July 11, MW 12:00-3:00pm
Sched No 700889

LAB: AFTERNOON, SESSION I
May 30-July 11, MW 12:00-3:00pm
Sched No 700896

LECTURE: EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
S-1-006, Mr Hagar, Sched No 700882

LAB: EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
Sched No 700903

LAB: EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
Sched No 700910

### GENERAL BIOLOGY II — BIOL 112

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
*Prerequisite: Biol 111.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $75*

LECTURE MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-006, Mr Toto, Sched No 700931

LAB: AFTERNOON, SESSION II
July 16-Aug 22, MW 12:00-3:00pm
Sched No 700945

LAB: AFTERNOON, SESSION II
July 16-Aug 22, MW 12:00-3:00pm
Sched No 700952

LECTURE: EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
S-1-006, Ms Beaudette, Sched No 700938

LAB: EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
Sched No 700966

LAB: EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
Sched No 700959

### ANATOMY AND PHYSIOLOGY I — BIOL 207

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required of nursing and human performance and fitness majors.
*Prerequisite: Biol 111 or equivalent.*
*4 Credits*
*Lab fee: $75*

LECTURE: MORNING, SESSION I
May 29-June 28, MTuWThF 8:00-10:00am
M-2-116, Mr Guimond, Sched No 700980

LAB: MORNING/AFTERNOON, SESSION I
May 30-June 27, MWF 10:15am-1:15pm
Sched No 700994

LAB: MORNING/AFTERNOON, SESSION I
May 29-June 28, TuThF 10:15am-1:15pm
Sched No 701001

LAB: AFTERNOON, SESSION I
May 30-June 27, MWF 1:30-4:30pm
Sched No 700987

### ANATOMY AND PHYSIOLOGY II — BIOL 208

Continuation of Biol 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required of nursing and human performance and fitness majors.
*Prerequisite: Biol 207.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $75*

LECTURE: MORNING, SESSION II
July 2-Aug 2, MTuWThF 8:00-10:00am
M-2-116, Ms Joyce-Bird, Sched No 701022

LAB: MORNING/AFTERNOON, SESSION II
July 2-Aug 1, MWF 10:15am-1:15pm
Sched No 701043

LAB: MORNING/AFTERNOON, SESSION II
July 3-Aug 2, TuThF 10:15am-1:15pm
Sched No 701036

LAB: AFTERNOON, SESSION II
July 2-Aug 1, MWF 1:30-4:30pm
Sched No 701029

### MEDICAL MICROBIOLOGY — BIOL 209

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals; and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods. For nursing majors. Biology majors should take Biol 334 for microbiology.
*Prerequisites: Biol 111; Chem 103 and 104, or Chem 107 or 108, or equivalent.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $100*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-006, Mr Durant, Sched No 701064

LAB: MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 11:45am-2:45pm
Sched No 701071

LAB: MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 11:45am-2:45pm
Sched No 701078

### CELL BIOLOGY (LECTURE) — BIOL 212

A study of structure and function of cells including physiological and biochemical processes of cells, membranes, subcellular organelles, and of specialized cells. Specific topics include synthesis and mode of action of biological macromolecules, flow of information and energy, mode of enzyme action, cell-to-cell communication, and membrane functions such as transport.
*Prerequisites: BIOL 111-112, CHEM 103, Placement into MATH 115 or higher on the Mathematics Diagnostic Test*
*Distribution Area: Natural Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
S-2-066, Staff, Sched No 708190

### MOLECULAR BIOLOGY — BIOL 372

The molecular biology and biochemistry of gene expression in procaryotes and eucaryotes. Topics include DNA structure/physical biochemistry, recombinant DNA technology, techniques in research, DNA synthesis, RNA synthesis, protein synthesis, operons, chromatin structure and gene regulation, oncogenes, hormones and growth factors and signal transduction, transposons, mutagenesis and repair, flowering, photosynthesis, development, circadian rhythms, etc.
*Prerequisites: Biol 383, or permission of instructor*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-4-066, Mr Ackerman, Sched No 701106

## Chemistry

### CHEMICAL PRINCIPLES I — CHEM 103

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. Laboratory work presents an introduction to methods of quantitative chemical techniques. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
S-1-006, Mr Carter, Sched No 701260

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 30-July 11, W 11:30am-12:20pm
S-1-006, Sched No 701302

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 31-July 12, Th 11:30am-12:20pm
S-1-006, Sched No 701316

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 29-July 10, Tu 11:30am-12:20pm
S-1-006, Sched No 701295

LAB: AFTERNOON, SESSION I
May 30-July 11, MW 12:30-3:30pm
Sched No 701274

LAB: AFTERNOON, SESSION I
May 29-July 12, TuTh 12:30-3:30pm
Sched No 701281

LECTURE: EVENING, SESSION I
May 30-July 11, MW 5:30-9:00pm
SNOWDEN, Mr Petit, Sched No 701267

DISCUSSION: EVENING, SESSION I
May 30-July 11, MW 5:30-9:00pm
SNOWDEN, Sched No 701309

LAB: EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
Sched No 701288

### CHEMICAL PRINCIPLES II — CHEM 104

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
*Prerequisite: Chem 103.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
S-1-066, Mr Carter, Sched No 701330

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 19-Aug 23, Th 11:30am-12:20pm
S-1-006, Sched No 701386

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 17-Aug 21, Tu 11:30am-12:20pm
S-1-006, Sched No 701365

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 18-Aug 22, W 11:30am-12:20pm
S-1-006, Sched No 701372

LAB: AFTERNOON, SESSION II
July 17-Aug 23, TuTh 12:30-3:30pm
Sched No 701351

LAB: AFTERNOON, SESSION II
July 16-Aug 22, MW 12:30-3:30pm
Sched No 701344

LECTURE: EVENING, SESSION II
July 16-Aug 22, MW 5:30-9:00pm
SNOWDEN, Mr Petit, Sched No 701337

DISCUSSION: EVENING, SESSION II
July 16-Aug 22, MW 5:30-9:00pm
SNOWDEN, Sched No 701379

LAB: EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
Sched No 701358

### INTRODUCTION TO CHEMISTRY I — CHEM 107

A survey of the theoretical principles of general inorganic chemistry. Topics include atomic and molecular structure, bonding, chemical reactions, solution, pH, stoichiometry, and radiochemistry. This course is intended for students of nursing.
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 9:00-10:30am
S-2-066, Staff, Sched No 701400

DISCUSSION: MORNING, SESSION I
May 31-July 12, Th 10:30-11:20am
S-2-066, Sched No 701414

LAB: MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:30am-12:30pm
Sched No 701407

### INTRODUCTION TO CHEMISTRY II — CHEM 108

A brief survey of organic and biological chemistry. Topics include structure, nomenclature, and the nature of organic compounds. Emphasis is on preparation for biological applications. Carbohydrates, lipids, proteins, and nucleic acids are introduced. The structures and metabolism of important biochemical molecules are considered. This course is intended for students of nursing.
*Prerequisite: Chem 107.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION II
July 16-Aug 23, MTuWTh 9:00-10:30am
S-2-066, Staff, Sched No 701428

DISCUSSION: MORNING, SESSION II
July 19-Aug 23, Th 10:30-11:20am
S-2-066, Sched No 701442

LAB: MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:30am-12:30pm
Sched No 701435

### ORGANIC CHEMISTRY I — CHEM 253

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods.
*Prerequisite: Chem 104.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
LIPKE, Mr Cerny, Sched No 701456

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 29-July 10, Tu 11:30am-12:20pm
LIPKE, Sched No 701484

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 31-July 12, Th 11:30am-12:20pm
LIPKE, Sched No 701491

DISCUSSION: MORNING/AFTERNOON, SESSION I
June 4-July 9, M 11:30am-12:20pm
LIPKE, Sched No 701477

LAB: AFTERNOON, SESSION I
May 29-July 12, TuTh 12:30-3:30pm
Sched No 701463

LAB: AFTERNOON, SESSION I
May 30-July 11, MW 12:30-3:30pm
Sched No 701470

### ORGANIC CHEMISTRY II — CHEM 254

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification, and identification of organic compounds by classical and instrumental methods.
*Prerequisite: Chem 253.*
*Distribution Area: Natural Sciences.*
*4 Credits*
*Lab fee: $65*

LECTURE: MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
LIPKE, Ms Schwartz, Sched No 701505

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 19-Aug 23, Th 11:30am-12:20pm
LIPKE, Sched No 701540

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 16-Aug 20, M 11:30am-12:20pm
LIPKE, Sched No 701526

DISCUSSION: MORNING/AFTERNOON, SESSION III
July 17-Aug 21, Tu 11:30am-12:20pm
LIPKE, Sched No 701533

LAB: AFTERNOON, SESSION II
July 17-Aug 23, TuTh 12:30-3:30pm
Sched No 701512

LAB: AFTERNOON, SESSION II
July 16-Aug 22, MW 12:30-3:30pm
Sched No 701519

## Chinese

**ELEMENTARY CHINESE I** **CHINSE 101**

For students with no previous training in Chinese. Introduction to pronunciation (Mandarin), grammar, conversation, Chinese characters and the pinyin romanization system.
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-056, Staff, Sched No 701554

**ELEMENTARY CHINESE II** **CHINSE 102**

A continuation of Chinse 101. Grammar, pronunciation, conversation, and character recognition.
*Prerequisite: Chinse 101 or equivalent.*
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-056, Staff, Sched No 701568

## Classics

**FUNDAMENTALS OF LATIN I** **LATIN 101**

Designed to complete a standard basic textbook with Latin 102.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-045, Staff, Sched No 708834

**GREEK AND ROMAN MYTHOLOGY** **CLSICS 284**

The analysis, background, and lasting influence of Greek and Roman myths. Some consideration of the ancients' beliefs about divinity, worship and ritual practices. Both primary (ancient authors) and secondary (modern) sources are used.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-125, Staff, Sched No 701582

**LATIN LOVE POETRY** **CLSICS 480A**

Readings in the amatory poetry of Catullus, Horace, Virgil and the Roman elegists, with consideration of literary history, genre distinctions and constructs of self and society.
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 2:45-4:45pm
W-1-053, Ms McDermott, Sched No 709401

## Communications

**USING INTERNET COMMUNICATIONS** **COMSTU 485**

The major purpose of this course is to enhance the students' abilities to communicate effectively using information technologies, especially the technologies of telecommunication. Students will review basic principles about effective communication generically, and will participate in the translation of these principles into working guidelines for electronic communications in interpersonal, small group, and public presentational settings. They will apply these guidelines in technological modes befitting these respective settings, including e-mail, document sharing, discussion forums and chats presentation software, audio and streaming video, and possibly group decision support systems (GDSS). A few basic web-design principles will be presented and students will create individual web pages or sites, but the major focus will be on communication inside organizations for problem solving rather than on public relations.
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Schlesinger, Sched No 709877
Fee: $650 (plus $45 registration and service fees)

ONLINE COURSE

## Computer Science

**FUNDAMENTALS OF COMPUTING PROGRAM**

The courses in this program are intended as either

a) a means of preparing the student without an undergraduate degree in Computer Science for entry into the department's MS program;

b) a way to complete some of the requirements for the department's Major or Minor Certificates; or

c) a route to becoming familiar with the fundamentals of a Computer Science degree.

Courses in the program include CS 110, 210, 240, 310, and 320, all of which are being offered this summer *(see below)*.

**COMPUTER PROGRAMMING FOR ENGINEERING** **CS 109**

An introduction to computer programming for engineering students. This course is not intended for computer science majors. Credit will not be given for both CS 109 and CS 110.
*Prerequisite: A suitable score on the mathematics diagnostic test or MATH 130 or a higher MATH course.*
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms. Maulucci, Sched No 709954
Fee: $650 (plus $45 registration and service fees)

ONLINE COURSE

### AN INTRODUCTION TO COMPUTING (JAVA) CS 110

An introduction to computer programming-the concepts involved in the use of a higher level language and the program development process. The goal of this course is proficiency in the design and implementation of programs of significant size and complexity. This course is quite demanding because of the length and complexity of the programming exercises assigned. This is the first course in the computer science sequence. CS 110 is taught using the programming language Java.

*Note: Credit toward a UMass Boston degree may be awarded for only one elementary programming course. No credit will be given for CS 110 to a student who has already completed (or is currently taking) a similar course. For instance, a student who has received the equivalent of CS 110 as transfer credit cannot take CS 110 for credit here. Students who are barred from receiving credit from CS 110, but who are not fully prepared for CS 210, should request permission to take CS 119 as a means of remedying this deficiency.*

*Prerequisite: A suitable score on the mathematics diagnostic test.*

*Distribution Area: Mathematics and Computer Languages.*

*4 Credits*

*Special course fee: $640, Lab fee: $40*

MORNING, SESSION I
May 29-July 26, MTuTh 10:00-11:30am
W-1-009, Staff, Sched No 702233

EVENING, SESSION I
May 29-July 26, MTuTh 7:45-9:15pm
S-2-064, Staff, Sched No 702240

### INTERMEDIATE COMPUTING WITH DATA STRUCTURES CS 210

The design and implementation of computer programs in a higher level language, with emphasis on proper design principles and advanced programming concepts, including dynamic data structures and recursion. Efficient design, implementation and debugging techniques are stressed. The assignments are designed to introduce the student to a variety of topics in computing: data structures and ADTs, Lists, Stacks, Queues, Ordered Lists, Binary Trees, and searching and sorting techniques. The language of instruction is Java.

*Prerequisite: Fluency in Java, established by the successful completion of CS 110 or permission of the instructor.*

*Distribution Area: Mathematics and Computer Languages.*

*4 Credits*

*Special course fee: $640, Lab fee: $40*

MORNING, SESSION I
May 29-July 26, MTuTh 8:15-9:45am
W-1-009, Mr Cristofor, Sched No 702268

### PROGRAMMING IN C CS 240

C programming for students with prior knowledge of some high-level language (e.g., one semester of Pascal, Smalltalk, etc.). The course treats C both as a machine level language and as a general purpose language; it covers number representation, masking, bitwise operations and memory allocation, as well as more general topics such as dynamic data structures, file i/o, separate compilation, program development tools, and debugging.

*Prerequisite: CS 110 or permission of instructor.*

*Corequisite: CS 210 or permission of instructor.*

*Distribution Area: Mathematics and Computer Languages.*

*3 Credits*

*Special course fee: $490, Lab fee: $40*

MORNING, SESSION I
May 29-July 26, MTuTh 10:00-11:30am
W-1-010, Ms Cristofor, Sched No 702282

### ADVANCED DATA STRUCTURES AND ALGORITHMS CS 310

A systematic study of the methods of structuring and manipulating data in computing. Abstract data types. The design and analysis of algorithms. Advanced techniques for program development and organization.

*Prerequisites: CS 210, CS 240, and MATH 140.*

*3 Credits*

*Special course fee: $490, Lab fee: $40*

EVENING, SESSION I
May 29-July 26, MTuTh 7:45-9:15pm
S-2-062, Mr Jaroszewicz, Sched No 708519

### APPLIED DISCRETE MATHEMATICS CS 320

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory, formal theory of languages and automata theory. Formal and informal theories and corresponding mathematical proofs are taught.

*Prerequisites: CS 210 and Math 260 or permission of instructor.*

*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-010, Mr Mukherjee, Sched No 702296

### INTRODUCTION TO OPERATING SYSTEMS CS 444

Description of current operating systems, with focus on one or two in particular. Topics include defining the operating system as distinct from the hardware on one side and software systems on the other; process concepts; memory management; CPU scheduling; device management; file systems; network support.

*Prerequisites: CS 241 and CS 310.*

*3 Credits*

WWW.UMASSBOSTONONLINE.COM
May 29-July 12, Mr. Eckhouse, Sched No TBA
Fee: $650 (plus $45 registration and service fees)

ONLINE COURSE

## Criminal Justice

**CRIMINOLOGY** CRMJUS L262

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
*Prerequisite: Sociol 101 and junior or senior standing.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-057, Mr Bebo, Sched No 702128

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-2-126, Mr Faiella, Sched No 702135

**METHODS OF SOCIOLOGICAL RESEARCH** CRMJUS L351

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
*Prerequisites: Sociol 101 and junior standing.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-2-126, Mr Movahedi, Sched No 702163

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-057, Ms Spearin, Sched No 708477

**CORRECTIONS** CRMJUS L363

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
*Prerequisites: Junior standing and Sociol 362.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-1-058, Mr Taylor, Sched No 708484

**ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY** CRMJUS L368

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-2-126, Ms Mignon, Sched No 702191

**THE POLICE IN SOCIETY** CRMJUS L465

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
*Prerequisites: Senior standing, Sociol 101 and 9 credit hours in sociology.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-2-126, Mr Taylor, Sched No 702205

**THE SOCIOLOGY OF LAW** CRMJUS L467

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
*Prerequisites: Sociol 101 and 6 credits in sociology; junior or senior standing.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-062, Mr Forberger, Sched No 702219

## Earth & Geographic Science

**SPECIAL PROGRAM** See Page 3

**EXPLORING THE COASTAL ENVIRONMENT**
This program includes a seven-day expedition aboard the schooner *Ernestina* and four days of field study on Nantucket. Students may earn up to six undergraduate credits.

**THE EARTH** E&GSCI 100

This course introduces the discipline of geography and uses content material based on national standards for geographic and earth science education. The focus is on the relationships between people and their physical environments. The course also uses the tools of earth and geographic scientists. It is for non-majors only; it introduces prospective teachers of earth science and geography to the field.
*Students may not earn credit for both E&GSci 100 and E&GSci 101.*
*Distribution Area: Natural Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
S-2-065, Mr Mensoian, Sched No 710136

**THE GLOBAL ENVIRONMENT** E&GSCI 101

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
*Distribution Area: Natural Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
@-2-065, Mr Genes, Sched No 709807

**WORLD REGIONAL GEOGRAPHY** E&GSCI 102

An overview of world regions in terms of physical environment, human populations and the relationship between them. Topics with a focus on diversity are discussed from an international viewpoint and center on particular countries.
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-June 28, MTuWTh 11:45am-1:45pm
S-2-065, Ms Duncan, Sched No 702485

**ENVIRONMENTAL GEOLOGY** **E&GSCI 115**

This course examines geological phenomena that adversely affect the human environment. Among the naturally occurring phenomena are earthquakes, volcanoes, tsunamis, landslides, and subsidence and erosion. Topics also include those geological impacts which are the result of human activities, such as subsidence, flooding soil degradation, and hazardous material contamination.
*Distribution Area: Natural Sciences.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 23, MTuWTh 4:30-6:00pm
S-3-035, Mr Nellis, Sched No 708554

**WEATHER AND CLIMATE** **E&GSCI 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
*Prerequisite: Sophomore standing.*
*Distribution Area: Natural Sciences.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
S-2-065, Mr Mensoian, Sched No 702513

**UNIX SYSTEM AND NETWORK ADMINISTRATION** **E&GSCI 480B**

This is an introductory level course, focusing on the basic skills needed to set up and maintain a typical UNIX network. Topics include: startup/shutdown; file system partitioning and maintenance; various system configuration files; naming services; user and group administration; printing; backup/recovery; UNIX editors; shell programming and cron jobs; BSD vs. System V.
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 3:00-6:00pm
GIS LAB, Mr Mahoney, Sched No 708575

**BOSTON HARBOR AND THE ISLANDS** **E&GSCI 480C**

The course covers the physical, economic, ecological and political dimensions of the harbor; reviews the history of human uses and their impacts; describes the public policies, laws and regulations governing the land and water resources of the urban harbor; and provides experiences with the tools, techniques and processes of public planning and management. All concepts are presented and illustrated with case studies of the Boston Harbor cleanup, the Boston Harbor Islands National Recreation Area, and the redevelopment of the Boston Inner Harbor waterfront.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
M-2-206, Mr Wiggins, Sched No 709821

## East Asian Studies

**SPECIAL PROGRAM**
See Page 2

**VIETNAM TODAY**

This four-week program of field and classroom study examines the culture, language, and politics of Vietnam. Participants can earn three undergraduate credits.

**HISTORY OF MODERN CHINA** **EASIAN L361**

A survey of the political, social, and intellectual development of China from 1800 to the present, with emphasis on Sino-Western relations and twentieth century reform and revolution. EAsian L161 (Hist L161) is not required, but is recommended.
*Prerequisite: Sophomore standing.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-061, Staff, Sched No 702569

**MODERN JAPAN** **EASIAN L363**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
*Prerequisite: Sophomore standing.*
*Diversity Area: International.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
M-2-616, Mr Bix, Sched No 708603

## Economics

**INTRODUCTION TO MICROECONOMICS** **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
*Prerequisite: Math 115 or equivalent.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-064, Mr Millman, Sched No 702604

AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-064, Ms Spitz, Sched No 702597

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-041, Mr Martin, Sched No 702611

AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-064, Mr Millman, Sched No 702618

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-041, Mr Abdullah, Sched No 702625

### INTRODUCTION TO MACROECONOMICS ECON 102

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
*Prerequisite: Math 115 or equivalent.*
*Note: Econ 101 is not a prerequisite for Econ 102.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-064, Mr Abdullah, Sched No 702639

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-041, Mr Abdullah, Sched No 702646

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-064, Mr Morrison, Sched No 702653

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-041, Mr Abdullah, Sched No 702660

### MICROECONOMIC THEORY ECON 201

Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
*Prerequisites: Econ 101 and Math 129 or 130 (or placement into Math 135 or 140).*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-047, Mr Millman, Sched No 702674

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-2-126, Mr Millman, Sched No 708610

### MACROECONOMIC THEORY ECON 202

An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
*Prerequisites: Econ 101, Econ 102, and Math 129 or 130 (or placement into Math 135 or 140).*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-2-125, Mr Martin, Sched No 702702

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-047, Mr Martin, Sched No 702709

### STATISTICAL METHODS ECON 205

A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.
*Prerequisites: Econ 101 and 102, and Math 129 or 130 (or placement into Math 135 or 140).*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-061, Mr Martin, Sched No 702723

### AMERICAN ECONOMIC HISTORY ECON 325

The economic history of the United States, beginning with the colonial period and the economic basis of the Revolutionary War. Subsequent topics include the industrial revolution in the US, the economic basis for slavery and the Civil War, the broad-scale conflict between capital and labor during and after WW I, the weakness of the US economy during the 1920s, and the Great Depression of the 1930s.
*Prerequisites: Econ 101 and 102.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-2-125, Mr Morrison, Sched No 702737

### MONEY AND FINANCIAL INSTITUTIONS ECON 331

An economic analysis of the U.S. financial system, including examination of the major types of financial assets, financial markets, and financial institutions, as well as the major factors that determine asset prices and the structure of interest rates. Attention is given to the nature and operation of banking firms and the structure and regulation of the banking industry. Other topics may include the Federal Reserve and monetary policy; the determination of the money supply; recent trends in the banking industry; lending discrimination and community reinvestment; and current public policy issues in the areas of banking and finance.
*Prerequisites: Econ 101 and 102.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-058, Mr Cantor, Sched No 702751

### COMPARATIVE ECONOMIC SYSTEMS ECON 372

An examination of alternative systems of economic organization. Analysis of the failed command economies of the former Soviet Bloc and discussion of the progress and prospects for reform in Russia, Poland and Hungary. Special attention is given to comparing alternative capitalist systems (U.S., Sweden, Germany, Japan and South Korea). Issues of concern include market and non-market mechanisms of allocation and distribution, workers' control, economic democracy, centralization and decentralization, and the relation of economic affairs to political and social affairs.
*Prerequisites: Econ 101 and 102.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-058, Mr Morrison, Sched No 702765

## English

Note: English 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 22 ("English as a Second Language") and page 75 ("Diagnostic Testing").

### FRESHMAN ENGLISH I — ENGL 101

Small class instruction and practice in writing for college courses on various kinds of topics, many from experience and observation, chosen to develop the student's confidence and ability. Readings and materials vary from section to section, but all sections require a minimum of eight 600-word papers.
*Note: This course satisfies the first half of the College's freshman writing requirement.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-019, Mr Rhodes, Sched No 703108

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-019, Ms Mueller, Sched No 703115

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-020, Ms Walsh, Sched No 703122

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-052, Ms Burge, Sched No 703129

### FRESHMAN ENGLISH II — ENGL 102

Continuation of Engl 101, with emphasis on topics and research writing assignments of the kinds encountered in many types of college courses. Readings and materials vary from section to section, but all sections require a minimum of seven papers, including a longer research paper.
*Note: This course satisfies the second half of the College's freshman writing requirement.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-019, Ms Howland, Sched No 703164

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-052, Ms Mueller, Sched No 703171

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
W-1-019, Ms Walsh, Sched No 703178

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-019, Ms Marks, Sched No 703192

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-053, Ms Davis, Sched No 703185

### ORAL COMMUNICATION — ENGL Z106

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-053, Mr Conlon, Sched No 703087

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-010, Ms Woodward, Sched No 703094

### HUMANISTIC PERSPECTIVES — ENGL C120

How persons grounded in the liberal arts understand the ordinary world-politics, leisure, technology, the future, and everyday life. In the process, the underlying values, beliefs and mental skills which make this understanding possible will reveal themselves.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-053, Mr Nelson, Sched No 708722

### INTRODUCTION TO THE ART OF LITERATURE — ENGL C130

Fiction, poetry, drama, essays-what they are and what they mean. An introduction to ways of seeing and understanding literature-its genres, its forms, its styles, its methods and meanings. We explore the common ground between literature and the other arts, while keeping in view the crucial differences.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-019, Ms Shaner, Sched No 703038

### LITERARY STUDIES I — ENGL 200

This course offers guided practice in the close reading of three major literary genres—poetry, fiction, and drama—with works to be drawn from various historical periods. (A fourth genre may be added at the instructor's discretion.) The course explores the distinctive features of each genre, along with the concepts and terminology necessary to understand it accurately and communicate about it effectively. Close reading is integrated with aesthetic and evaluative responses to the literary works. A bridge to Literary Studies II (ENGL 300) is provided through focused study of at least one work from a biographical, historical, cultural, or other perspective. This course requires intensive writing.
*Prerequisites: See note at beginning of English section.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-2-125, Ms Saunders, Sched No 708652

**FIVE MAJOR BRITISH WRITERS** **ENGL 201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.

*Prerequisites: See note at beginning of English section.*
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-2-126, Mr Goodale, Sched No 703241

**SIX AMERICAN AUTHORS** **ENGL 206**

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.

*Prerequisites: See note at beginning of English section.*
*Distribution Area: The Arts.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-2-125, Mr Hess, Sched No 703255

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-126, Mr Goodale, Sched No 703262

**INTRODUCTION TO CREATIVE WRITING** **ENGL C210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.

*Prerequisites: See note at beginning of English section.*
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-010, Ms Marks, Sched No 703052

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-019, Ms Davis, Sched No 703059

**MODERN DRAMA** **ENGL 328**

A study of British and American drama in the first half of the twentieth century, including works in translation of influential foreign playwrights. Attention to the literary themes, forms and styles of modern drama, and to aspects of drama in performance. Works by such authors as Ibsen, Chekhov, Shaw, O'Neill, Odets, Beckett, Brecht, Miller and others.
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-2-124, Ms Saunders, Sched No 708736

**THE ADOLESCENT IN LITERATURE** **ENGL 371**

Such problems as adolescent culture, the rites of passage into adulthood, and the literary expression of these phenomena. Writers such as Wolfe, Salinger, Capote, Knowles, McCullers, Donleavy, Mishima, Golding, Lessing, Moravia, Mauriac, and Sagan.

*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-055, Mr Nelson, Sched No 703332

**AMERICAN WOMEN WRITERS AND AMERICAN CULTURE** **ENGL L372**

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.

*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-2-125, Ms Medoff, Sched No 709835

**CHAUCER** **ENGL 381**

A study of the Canterbury Tales and, time permitting, some of Chaucer's works in the original Middle English. No prior knowledge of Chaucer, the period (the later fourteenth century), or Middle English is required. Taped readings aid in learning the language. Discussion emphasizes how the works reflect the medieval period and how Chaucer draws readers of all periods into intellectual and moral pilgrimages of their own.

*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-2-124, Ms Shaner, Sched No 708666

**SHAKESPEARE (LATER)** **ENGL 383**

Shakespeare's problem plays, major tragedies and late romances. The course emphasizes critical interpretations of individual plays, and it assumes that students will have had some experience of Shakespearean plays, such as those in Engl 382. But this course may be elected without such experience.

*Prerequisites: See note at beginning of English section.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-2-127, Mr Divver, Sched No 703360

**THE MODERN PERIOD** **ENGL 410**

A study of the phenomenon of "modernism" in roughly, the first half of the twentieth century in Britain and America. Reading and discussion of such writers as Yeats, Joyce, Lawrence, Woolf, Eliot, Hemingway, Pound, and Faulkner.

*Prerequisites: See note at beginning of English section.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-055, Mr Divver, Sched No 708680

**THE IRISH SHORT STORY** **ENGL 425**

After an introductory consideration of the oral tradition of Irish storytelling, this course traces the thematic concerns and technical developments of the Irish short story from 1830 to the present. It focuses especially on the most noted twentieth-century practitioners of the short story in Ireland-O'Connor, O'Faolain, and O'Flaherty-but also gives close consideration to their precursors, their contemporaries, and their followers.
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-057, Ms Walsh, Sched No 708750

**CONTEMPORARY WOMEN POETS** **ENGL 452**

A study of the concerns, perspectives, and poetics of twentieth-century women poets. Readings are selected from a wide range of poets, including Brooks, Levertov, Plath, and Rich.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-2-126, Ms Annas, Sched No 708694

## English as a Second Language (ESL)

It is to the advantage of the student to be placed in the proper English course. Both 101E and 102E are freshman-level courses, taught at a higher level than Advanced ESL. To ensure appropriate placement in 101E, students are required to take a writing placement test provided by the English Department (for further information, see page 75, "Diagnostic Testing"). Students who wish to take 102E must present a transcript or final grade report showing that they have had one semester of Freshman English at UMass Boston or another school.

**ESL FRESHMAN ENGLISH I** **ENGL 101E**

Practice in writing on various kinds of topics chosen to develop students' confidence and ability as writers. Readings and materials vary from section to section, but all sections require a minimum of seven papers. This special ESL section of Freshman English is designed to meet the specific needs of ESL students. In particular, the course emphasizes English syntax from a non-native point of view. For bilingual students only.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-1-019, Mr Rhodes, Sched No 703143

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-019, Ms Anderson, Sched No 703150

**ESL FRESHMAN ENGLISH II** **ENGL 102E**

Continued practice in writing on various topics with an emphasis on more difficult readings, using the library and research skills. Students again write about seven papers, including one research paper. Attention is given to English grammar from a non-native point of view. For bilingual students only.
*Prerequisite: One semester of Freshman English (see note above).*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-052, Ms Howland, Sched No 703206

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-020, Ms Anderson, Sched No 703213

## French

**INTENSIVE ELEMENTARY FRENCH** **FRENCH 100**

Intensive elementary work in the four language skills, with concentration on an audio-lingual approach, for students with no previous training in French. Students completing this course satisfactorily will be allowed to enter directly into courses at the intermediate level. Equivalent to one year of elementary French.
*Prerequisite: Permission of instructor.*
*Distribution Area: Foreign Languages.*
*8 Credits*
*Lab fee: $15*

EVENING, SESSION I
May 29-July 12, MTuWTh 6:00-9:00pm
M-2-420, Staff, Sched No 703444

**ELEMENTARY FRENCH I** **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

MORNING, SESSION I
May 29-June 28, MTuWTh 10:00am-12:00pm
W-1-041, Staff, Sched No 703458

**ELEMENTARY FRENCH II** **FRENCH 102**

A continuation of French 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed French 101 or its equivalent. Continued attention to French and francophone culture. Weekly lab attendance and assignments required.
*Prerequisite: French 101 or equivalent.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

MORNING, SESSION II
July 2-Aug 2, MTuWTh 10:00am-12:00pm
W-1-041, Staff, Sched No 703472

**INTERMEDIATE FRENCH I** **FRENCH 201**

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.
*Prerequisite: French 102, 115, or equivalent.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

MORNING, SESSION I
May 29-June 28, MTuWTh 10:00am-12:00pm
M-2-624, Staff, Sched No 703486

**INTERMEDIATE FRENCH II** **FRENCH 202**

This course seeks to build on the level of achievement reached in French 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.
*Prerequisite: French 201 or equivalent.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 10:00am-12:00pm
M-2-624, Staff, Sched No 703500

## German

**ELEMENTARY GERMAN I** **GERMAN 101**

Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in German. Weekly laboratory attendance and assignments required.
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
M-1-210, Staff, Sched No 703528

**ELEMENTARY GERMAN II** **GERMAN 102**

Continuation of German 101.
*Prerequisite: German 101 or equivalent.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
M-1-210, Staff, Sched No 703542

## History

**FOUNDATIONS OF WESTERN CIVILIZATION** **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, MTuWTh 11:45am-1:15pm
M-2-423, Staff, Sched No 703605

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-064, Mr Breen, Sched No 703612

**MODERN WESTERN CIVILIZATION** **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-064, Mr Miller, Sched No 703626

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
M-2-423, Mr Owen, Sched No 703633

**MODERN WORLD HISTORY II** **HIST C114**

History of modern Western industrial societies and the non-Western world, 1800-present.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: International.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-012, Mr Hunt, Sched No 703570

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
M-2-621, Mr Sauer, Sched No 703577

**AMERICAN HISTORY I** **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
M-2-423, Staff, Sched No 703647

**AMERICAN HISTORY II** **HIST 166**

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
M-2-206, Staff, Sched No 703661

**MODERN IRISH HISTORY FROM 1800 TO THE PRESENT** **HIST 339**

The forces and movements in the development of Irish Nationalism and the achievement of national independence.
*Prerequisite: Sophomore standing.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-124, Mr Breen, Sched No 703675

**THE VIETNAM WAR** **HIST 357**

This course covers the period from 1945 to 1975, with attention to the Vietnamese Revolution and its American and Vietnamese adversaries. Topics include origins of the Cold War and U.S. policy in Indochina; Vietnam's peasant revolution and Communist Party; society, economy, and ideology of the Saigon milieu; the U.S. anti-war movement; and U.S. soldiers and veterans of the Vietnam War era.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: International.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
M-2-423, Mr Sauer, Sched No 703689

**WAR IN THE TWENTIETH CENTURY** **HIST 358**

A study of military plans, strategy and weapons employed in twentieth century wars, and their consequences on the battlefield, together with their larger impact on the societies involved. Emphasis on the two world wars and the Vietnam War. The course concludes with a review of current military plans and weapons systems of the world powers in the perspective of military history since 1914.
*Prerequisite: Junior standing.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-056, Mr Sauer, Sched No 703703

**THE HISTORY OF MODERN CHINA** **HIST L361**

A survey of the political, social, and intellectual development of China from 1800 to the present, with emphasis on Sino-Western relations and twentieth century reform and revolution. EAsian L161 (Hist L161) is not required, but is recommended.
*Prerequisite: Sophomore standing.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-061, Ms Ye, Sched No 703591

**MODERN JAPAN** **HIST L363**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
*Prerequisite: Sophomore standing.*
*Diversity Area: International.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
M-2-616, Mr Bix, Sched No 708778

**HISTORY OF MODERN TERRORISM** **HIST 389**

This course studies the phenomenon of terrorism by considering twentieth-century political movements that have used or are using terror to achieve their objectives. The course develops an analytical framework for the study of terrorism and uses this framework in exploring the historical backgrounds, objectives, ideologies, tactics, and membership profiles of selected groups, and in considering the responses of their opponents. Groups to be studied include the IRA, the Irgun, the PLO, the Baader-Meinhof, and the Ku Klux Klan.
*Prerequisite: Junior standing or permission of instructor.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
M-2-423, Mr Sauer, Sched No 703717

## Information Technology

(Note: The following new courses are subject to University approval, pending as of press time. These are credit courses. For non-credit IT training programs, see page 64.)

**VISUAL BASIC** **IT 110**

An introductory course in Visual Basic programming, the course will provide the student with hands-on exposure to the object-oriented/event-driven components of Visual Basic. Using laboratory case assignments, students will plan and create their own Windows applications. They will learn how to create a user interface, set control properties, and write Visual Basic code.
*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Stone, Sched No TBA
Fee: $650 (plus $45 registration and service fees)

**INTRODUCTION TO LINUX/UNIX** **IT 144**

On the Internet's most popular fastest growing platform, Linux, students will install, set up, and operate all the tools of the trade. From appletalk to world wide web servers, students will explore the workings of the platform and how to make it work for them. Students should be able to undertake this work from their own computer.
*No prerequisite, but programming experience or experience with Linux or UNIX operating system and C Programming will be helpful.*
*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Seiferth, Sched No TBA
Fee: $650 (plus $45 registration and service fees)

**INTRODUCTION TO COMPUTER SECURITY** **IT 160**

This course offers an introduction to computer information security. Topics include justification of the need for security and definition of the common threats and vulnerabilities through government legislation and security requirements, risk analysis, security awareness programs, physical and system security, data encryption, understanding viruses and other types of malicious codes, and communications security. The course ends with a project involving performing a security audit and producing a computer security policy.
*No prerequisite but some knowledge of computers will be helpful.*
*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Smith, Sched No TBA
Fee: $650 (plus $45 registration and service fees)

## Italian

**ELEMENTARY ITALIAN I** **ITAL 101**

For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
M-1-420, Staff, Sched No 703906

**ELEMENTARY ITALIAN II** **ITAL 102**

The continuation of Ital 101.
*Prerequisite: Ital 101 or equivalent.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
M-1-420, Staff, Sched No 703920

## Japanese

**ELEMENTARY JAPANESE I** **JAPAN 101**

Introduction to modern Japanese. Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in Japanese. Hiragana and about 30 Kanji are introduced.
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-060, Staff, Sched No 703948

**ELEMENTARY JAPANESE II** **JAPAN 102**

A continuation of Japan 101. Katakana and about 70 Kanji are introduced.
*Prerequisite: Japan 101.*
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-060, Staff, Sched No 703962

## Latin American Studies

**ANALYZING LATIN AMERICAN CULTURE AND SOCIETY THROUGH FILM** **LAT AM 205**

This course uses commercially produced films by US and Latin American directors to explore a variety of experiences and environments in Latin American countries today. Topics include colonialism; the destruction of native South Americans and their environments, both rural and urban; political terror and military dictatorships; US-Mexican border problems; emigration to the US; and revolution.
*Diversity Area: International.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-009, Mr Belleau, Sched No 709674

## Linguistics

**ELEMENTARY AMERICAN SIGN LANGUAGE I** **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-056, Staff, Sched No 703976

**ELEMENTARY AMERICAN SIGN LANGUAGE II** **LING 152**

A continuation of Ling 151 with emphasis on receptive and expressive skills.
*Note: Ling 152 may be used as a distribution course only after successful completion of Ling 153.*
*Prerequisite: Ling 151 or permission of the instructor.*
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-056, Staff, Sched No 703990

**ELEMENTARY AMERICAN SIGN LANGUAGE III** **LING 153**

This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.

*Prerequisite: Ling 152 or permission of the instructor.*
*Distribution Area: Foreign Languages.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-056, Staff, Sched No 708848

## Mathematics

Please note: Computer science courses appear in this bulletin under "Computer Science."

**REQUIREMENTS AND RECOMMENDATIONS**

Any student who intends to take a mathematics course at or below the level of Math 140 (Calculus I) or a Computer Science course at or below the level of CS 110 (Introduction to Computer Programming) must furnish evidence at the first class meeting that he or she is prepared for that course. Such evidence may include a suitable score on the math diagnostic test, a satisfactory grade in a prerequisite course, or a relevant transcript.

Enrollment in Math 129, Math 130, or CS 110 requires a suitable diagnostic test score. Successful completion of Math 110 does not qualify one to take any of these courses.

**MATH DIAGNOSTIC TEST**

Appropriate preparation is especially important for students taking mathematics and computer science courses, and the University wants to be certain that students in these courses have the math skills they need for success. Before registering for introductory courses in mathematics (through first-semester calculus), all UMass Boston students must demonstrate their skills by taking a diagnostic test. The University uses this test to place students in the courses that will serve them best. For test information, see page 75 ("Diagnostic Testing").

**COLLEGE ALGEBRA** **MATH 115**

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking Math 129 or Math 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.

*Prerequisite: A suitable score on the mathematics diagnostic test .*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-057, Ms Zaleskas, Sched No 704004

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-057, Mr Reed, Sched No 704011

**INTRODUCTORY STATISTICS** **MATH 125**

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.

*Note: No student receives graduation credits for Math 125 if it is taken after successful completion of Math 345.*
*Not open to mathematics or science majors, except in nursing and geography.*
*Prerequisite: A suitable score on the mathematics diagnostic test or Math 099.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-055, Mr Kovitz, Sched No 704025

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
W-2-127, Staff, Sched No 704032

**PRE-CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE STUDENTS** **MATH 129**

This course teaches the algebraic and conceptual skills students need to master before they are ready for Math 134 or Math 135. It first reviews the basic algebraic skills. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics.

*Prerequisite: A suitable score on the mathematics diagnostic test only. Successful completion of Math 115 is not enough.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-057, Ms Zaleskas, Sched No 704046

**PRECALCULUS** **MATH 130**

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter Math 140 without taking this course.

*Note: No student receives graduation credits for Math 130 if it is taken after successful completion of any higher math course. Students who have successfully completed Math 130 may not subsequently take Math 124 or Math 129 for credit. Students may take Math 130 after Math 124 or Math 129 only with explicit permission of the department, and then only for two credits.*
*Prerequisite: A suitable score on the mathematics diagnostic test only. Successful completion of Math 115 is not enough.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-2-127, Mr Kovitz, Sched No 704074

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
W-2-126, Mr Reed, Sched No 704081

### MANAGERIAL ALGEBRA AND CALCLUS — MATH 134

This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications will be made to managerial situations throughout the course.
*Prerequisite: A suitable score on the mathematics diagnostic test or completion of Math 129 or 130.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-061, Ms Roche, Sched No 704116

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
W-1-057, Ms Roche, Sched No 704123

### CALCULUS I — MATH 140

The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and trigonometric functions.
*Prerequisite: A suitable score on the mathematics diagnostic test or Math 130.*
*Distribution Area: Mathematics and Computer Languages.*
*4 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:00-9:45am
W-1-055, Mr Greeley, Sched No 704137

EVENING, SESSION I
May 29-July 12, MTuWTh 7:45-9:30pm
M-2-206, Staff, Sched No 704144

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:00-9:45am
W-1-061, Mr Boorstein, Sched No 708855

EVENING, SESSION II
July 16-Aug 23, MTuWTh 7:45-9:30pm
M-2-206, Mr Boorstein, Sched No 704158

### CALCULUS II — MATH 141

Continuation of Math 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, L'Hospital's rule, sequences, and series.
*Prerequisite: Math 140 or equivalent.*
*Distribution Area: Mathematics and Computer Languages.*
*4 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:45am
W-2-127, Mr Singh, Sched No 704200

EVENING, SESSION I
May 29-July 12, MTuWTh 5:45-7:30pm
M-2-206, Mr Singh, Sched No 704207

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:45am
W-2-127, Mr Wortman, Sched No 704214

EVENING, SESSION II
July 16-Aug 23, MTuWTh 5:45-7:30pm
M-2-206, Mr Wortman, Sched No 704221

### CALCULUS III — MATH 240

Calculus of functions of several variables. Topics include partial derivatives, transformations, derivative as a matrix, chain rule, directional derivatives, gradients, second derivatives; and multiple integrals, substitution rule, and Jacobians.
*Prerequisite: Math 141 is required; Phys 114 is recommended.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-046, Mr Herda, Sched No 704235

### LINEAR ALGEBRA I — MATH 260

Elementary theory of vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues, and eigenvectors.
*Prerequisite: Math 141.*
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-055, Staff, Sched No 704249

### APPLIED ORDINARY DIFFERENTIAL EQUATIONS — MATH 310

Comprehensive study of ordinary differential equations. Series solutions to differential equations, Bessel functions, characteristic functions, LaPlace transforms, and Fourier series.
*Prerequisites: Math 240 and either Math 260 or Phys 114 (lab optional).*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-061, Mr Herda, Sched No 704263

### PROBABILITY — MATH 345

The mathematical study of the laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Basic principles of combinatorics are introduced to solve problems in discrete probability spaces.
*Prerequisite: Math 141 or permission of instructor.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-2-124, Mr Mukherjee, Sched No 704277

## Music

### AN INTRODUCTION TO MUSIC — MUSIC C111

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-005, Mr Mitchell, Sched No 704914

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-2-404, Mr Patterson, Sched No 704921

**WORLD MUSIC** **MUSIC C115**

An introduction to the musical traditions of countries throughout the world, embracing the role of music in society, ritual, and culture. Traditional vocal and instrumental styles of folk and traditional music are illustrated through audio and visual materials.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-005, Mr Stubbs, Sched No 704935

**PRIVATE MUSIC LESSONS** **MUSIC 185**

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for six one-hour, twelve half-hour, or twelve one-hour lessons; all options bear one academic credit. Hour-long piano lessons require permission of the instructor. Lesson times are arranged between student and instructor. For further information, contact the Music Department at 617 287-6980 or visit the Summer Registration Center.
*Note: Pass/fail–withdrawal deadlines are as follows: For sections running May 29-July 12, June 19; for sections running May 29-Aug 23, July 16; for sections running July 16–Aug 23, August 7.*

COURSE FEES:
Six one-hour lessons: $300, 1 Credit
Twelve half-hour lessons: $300, 1 Credit
Twelve one-hour lessons: $600, 1 Credit
*Note: If a student is taking music lessons only, service fees are $45. Waivers may not be used for Music 185.*

MUSIC 185A: FLUTE, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Ms. Grant, Fee: $300, Sched No 704963

MUSIC 185C: CLARINET, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Mr Brezniak, Fee: $300, Sched No 705012

MUSIC 185E: GUITAR, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Mr Janson, Fee: $300, Sched No 705061

MUSIC 185F: PIANO, SIX ONE-HOUR LESSONS, SESSION I
(requires permission of the department; call 617.287.6980)
May 29-July 12, By arrangement
Mr McFarland, Fee: $300, Sched No 705075

MUSIC 185G: SAXOPHONE, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Mr Perrett, Fee: $300, Sched No 705089

MUSIC 185I: VOICE, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Ms Bulli, Fee: $300, Sched No 705103

MUSIC 185J: TRUMPET, SIX ONE-HOUR LESSONS, SESSION II
July 16-Aug 23, By arrangement
Mr Sala, Fee: $300, Sched No 708967

MUSIC 185K: CELLO, TWELVE HALF-HOUR LESSONS, SESSION I
May 29-Aug 23, By arrangement
Ms Taylor, Fee: $300, Sched No 708981

MUSIC 185K: CELLO, TWELVE ONE-HOUR LESSONS, SESSION
May 29-Aug 23, By arrangement
Ms Taylor, Fee: $600, Sched No 708988

MUSIC 185O OBOE, SIX ONE-HOUR LESSONS, SESSION I
May 29-July 12, By arrangement
Ms Gabaldon, Fee: $300, Sched No 709002

**HISTORY AND DEVELOPMENT OF JAZZ IN AMERICA** **MUSIC 251**

The development of jazz from its origin to the present.
*Distribution Area: The Arts.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-005, Mr Janson, Sched No 705131

**AFRICAN AND AFRICAN-AMERICAN MUSIC** **MUSIC C252**

An examination of African-American music (black music) from its African origins to contemporary black musical expression, including work songs, spirituals, minstrelsy, blues, rhythm and blues, and gospel.
*Distribution Area: The Arts.*
*Diversity Area: United States.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-005, Mr Walters, Sched No 704949

## Philosophy

**INTRODUCTION TO PHILOSOPHY** **PHIL 100**

An introductory examination of the problems and scope of philosophy.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-009, Ms Farion-Villano, Sched No 705390

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-009, Mr Wingo, Sched No 705397

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-009, Mr Kaye, Sched No 705404

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-058, Mr Bayne, Sched No 705411

### MORAL AND SOCIAL PROBLEMS PHIL C108

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
*Distribution Area: Philosophical and Humanistic Studies.*
*Diversity Area: United States.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-020, Mr Wingo, Sched No 705334

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-009, Ms Farion-Villano, Sched No 705341

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-012, Mr Rosenfeld, Sched No 705348

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-020, Mr Bayne, Sched No 705362

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-060, Mr Jones, Sched No 705355

### INTRODUCTION TO LOGIC PHIL 120

The study of valid reasoning using formal methods of proof with truth functions, deductions, and quantifiers. Analysis of the logical structure of language related to philosophical questions of truth, paradox, and reference.
*Distribution Area: Mathematics and Computer Languages.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-044, Mr Lande, Sched No 705425

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-020, Mr Kaye, Sched No 705432

### INDIVIDUAL AND COMMUNITY PHIL C209

This course is a thematic introduction to methods and ideas central to philosophical and humanistic inquiry. The course will take up a series of ideas and thinkers linked by their relation to the theme of the individual in his or her relation to the community. Questions to be explored include: What sort of thing is a community? Are there fundamentally different kinds of communities? What rights and obligations do communities and individuals have over and to each other?
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-061, Mr Flesche, Sched No 705376

### MORAL ISSUES IN MEDICINE PHIL 222

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-009, Mr Rosenfeld, Sched No 705446

### THE DEATH PENALTY PHIL 481A

This course will cover the history of capital punishment, the grounds for its use and some of the most important cases where it was inflicted. We will examine several theories of punishment including retribution and deterrence and will examine the death penalty as a symbolic statement of political power. We will consider the death penalty in the international context and its connection with the recent developments in human rights. Some additional issues of concern will be the relation of race and class in the sentencing and execution process and the recent investigations of DNA evidence where innocent individuals have had their convictions overturned. Finally, consideration will be given to alternatives.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-058, Mr Flesche, Sched No 705460

### REPARATIONS, MEMORY AND JUSTICE PHIL 481B

The subjects of this course are the normative justifications for, and the normative implementations of, reparative justice to historically wronged groups. The motivation for the course rests in two facts. First, increasingly, groups who have made these claims have won; that is, governments, courts, or communities have agreed that these groups deserved to be repaired either through money, social programs, public monuments, or public apologies. Beyond this, there exists all over the world the philosophically challenging phenomena of "truth and reconciliation" commissions, which purport to be an alternative approach to reparative justice. As very little philosophical attention has yet been paid to the idea of reparative justice, our task is fundamentally exploratory. Among the questions we will try to answer are: What is the best moral justification for reparations? What causes of action trigger or legitimate reparations claims? What are the strategies for pursuing such claims? Who are the plaintiffs (individual, groups) and defendants (groups, governments)? How are damages to be assessed? How should the passage of time alter, if at all, the nature of reparations claims (e.g. our dead ancestors suffered the harm, we suffer secondary effects)? Readings will consist of a set of recent writings on the idea of reparations to historically wronged groups, supplemented by relevant works of political philosophy and the philosophy of law. The professor harbors no political agenda to be enforced.
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-009, Mr Jones, Sched No 705474

# Physics

### COLLEGE PHYSICS I — PHYSIC 107

Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature, and heat. Students who need or want lab work in physics should enroll concurrently in Physic 181.
*Prerequisite: Math 130 or permission of instructor.*
*Note: Students may not receive credit for both Physic 107-108 and 113-114.*
*Distribution Area: Natural Sciences.*
*3 Credits*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
S-1-006, Staff, Sched No 705488

DISCUSSION: MORNING, SESSION I
May 30-July 11, MW 10:00-10:50am
S-2-062, Staff, Sched No 705502

DISCUSSION: MORNING, SESSION I
May 29-July 12, TuTh 10:00-10:50am
S-2-062, Staff, Sched No 705509

DISCUSSION: MORNING, SESSION I
May 30-July 11, MW 11:00-11:50am
S-2-062, Staff, Sched No 705516

LECTURE: EVENING, SESSION I
May 29-July 12, MTuWTh 5:30-7:00pm
M-2-423, Staff, Sched No 705495

DISCUSSION: EVENING, SESSION I
May 30-July 11, MW 7:10-8:00pm
M-2-423, Staff, Sched No 705523

DISCUSSION: EVENING, SESSION I
May 29-July 12, TuTh 7:10-8:00pm
M-2-423, Staff, Sched No 705530

### COLLEGE PHYSICS II — PHYSIC 108

A continuation of Physic 107. Topics include thermodynamics, electricity and magnetism; optics; and a preview of modern physics. Students who need or want laboratory work in physics should enroll concurrently in Physic 182.
*Prerequisite: Physic 107 or permission of instructor.*
*Note: Students may not receive credit for both Physic 107-108 and 113-114.*
*Distribution Area: Natural Sciences.*
*3 Credits*

LECTURE: MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
S-1-006, Staff, Sched No 705544

DISCUSSION: MORNING, SESSION II
July 16-Aug 22, MW 10:00-10:50am
S-2-062, Staff, Sched No 705558

DISCUSSION: MORNING, SESSION II
July 17-Aug 23, TuTh 10:00-10:50am
S-2-062, Staff, Sched No 705565

DISCUSSION: MORNING, SESSION II
July 16-Aug 22, MW 11:00-11:50am
S-2-062, Staff, Sched No 705572

LECTURE: EVENING, SESSION II
July 16-Aug 23, MTuWTh 5:30-7:00pm
M-2-423, Staff, Sched No 705551

DISCUSSION: EVENING, SESSION II
July 16-Aug 22, MW 7:10-8:00pm
M-2-423, Staff, Sched No 705579

### FUNDAMENTALS OF PHYSICS I — PHYSIC 113

The first semester of calculus-level introductory physics. Topics include mechanics, hydrodynamics, waves, kinetic theory, and heat. Students who need or want laboratory work should enroll concurrently in Physic 181.
*Corequisite: Math 140; corequisite for physics majors: Physic 181.*
*Note: Students may not receive credit for both Physic 107-108 and 113-114.*
*Distribution Area: Natural Sciences.*
*4 Credits*

LECTURE: MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
M-2-423, Staff, Sched No 705593

DISCUSSION: MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-10:50am
S-2-063, Staff, Sched No 705607

DISCUSSION: MORNING, SESSION I
May 29-July 12, MTuWTh 11:00-11:50am
S-2-063, Staff, Sched No 705614

LECTURE: EVENING, SESSION I
May 29-July 12, MTuWTh 5:30-7:00pm
S-2-066, Staff, Sched No 705600

DISCUSSION: EVENING, SESSION I
May 31-July 12, MTh 7:10-8:50pm
S-2-066, Staff, Sched No 705621

**FUNDAMENTALS OF PHYSICS II** **PHYSIC 114**

The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students who need or want laboratory work should enroll concurrently in Physic 182.
*Prerequisite: Physic 113 or permission of instructor.*
*Corequisite: Math 141; corequisite for physics majors: Physic 182.*
*Note: Students may not receive credit for both Physic 107-108 and 113-114.*
*Distribution Area: Natural Sciences.*
*4 Credits*

LECTURE: MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
M-2-423, Staff, Sched No 705635

DISCUSSION: MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-10:50am
S-2-063, Staff, Sched No 705649

DISCUSSION: MORNING, SESSION II
July 16-Aug 23, MTuWTh 11:00-11:50am
S-2-063, Staff, Sched No 705656

LECTURE: AFTERNOON, SESSION II
July 16-Aug 23, MTuWTh 5:30-7:00pm
S-2-066, Staff, Sched No 705642

DISCUSSION: EVENING, SESSION II
July 16-Aug 23, MTh 7:10-8:50pm
S-2-066, Staff, Sched No 705663

**PHYSICS LABORATORY I** **PHYSIC 181**

Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics, and hydrostatics. This course is designed to accompany either level of introductory physics.
*Corequisite: Physic 107 or 113.*
*1 Credit*
*Special course fee: $195; Lab fee: $50*

LAB: MORNING/AFTERNOON, SESSION I
May 29-July 10, Tu 11:30am-2:00pm
Sched No 705677

LAB: MORNING/AFTERNOON, SESSION I
May 30-July 11, W 11:30am-2:00pm
Sched No 705684

LAB: MORNING/AFTERNOON, SESSION I
May 31-July 12, Th 11:30am-2:00pm
Sched No 705691

LAB: EVENING, SESSION I
May 29-July 10, Tu 7:10-9:40pm
Sched No 705698

LAB: EVENING, SESSION I
May 30-July 11, W 7:10-9:40pm
Sched No 705705

**PHYSICS LABORATORY II** **PHYSIC 182**

Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism, and optics. This course is designed to accompany either level of introductory physics.
*Corequisite: Physic 108 or 114.*
*1 Credit*
*Special course fee: $195; Lab fee: $50*

LAB: MORNING/AFTERNOON, SESSION II
July 17-Aug 21, Tu 11:30am-2:00pm
Sched No 705719

LAB: MORNING/AFTERNOON, SESSION II
July 18-Aug 22, W 11:30am-2:00pm
Sched No 705726

LAB: MORNING/AFTERNOON, SESSION II
July 19-Aug 23, Th 11:30am-2:00pm
Sched No 705733

LAB: EVENING, SESSION II
July 17-Aug 21, Tu 7:10-9:40pm
Sched No 705740

LAB: EVENING, SESSION II
July 18-Aug 22, W 7:10-9:40pm
Sched No 705747

## Political Science

**SPECIAL PROGRAM**
See Page 2

**IRELAND TODAY**
This field study program examines political, social, and economic developments in both the Republic of Ireland and Northern Ireland. Participants can earn six undergraduate credits.

**AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE** **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-047, Staff, Sched No 705789

**GOVERNMENT AND POLITICS OF THE UNITED STATES** **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-046, Staff, Sched No 705803

### POLITICAL IDEAS OF THE TWENTIETH CENTURY — POLSCI C123

Major political viewpoints of the present, including Conservatism, Liberalism, Marxism, and Fascism.
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-020, Staff, Sched No 705761

### COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES — POLSCI 202

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
*Distribution Area: Social and Behavioral Sciences.*
*Diversity Area: International.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-047, Staff, Sched No 705817

### INTERNATIONAL RELATIONS — POLSCI 220

Through the analysis of current and historical developments, this course focuses on the major patterns and concepts which explain the behavior of nations as they operate on the world scene. Special attention is given to the role of economic relations, war, ideologies, and various attempts at eliminating international conflict; the dynamics of global economic interdependence; the impact of multinational corporations; the impact of regional trading blocs; the significance and impact of globalization. While the course covers broad patterns of international relations, of particular concern are (a) the condition of underdevelopment in the Third World and its link to biases in the structure of the international system and the inequities of the globalizing economy; (b) issues of human rights, ethnicity, nationality; the role of cultural, religious and gender differences; the role of social classes and race.
*Prerequisite: Sophomore standing.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-047, Staff, Sched No 705831

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Weiner, Sched No 709926
Fee: $650 (plus $45 registration and service fees)

### MODERN POLITICAL THOUGHT — POLSCI C252

The history of Western political ideas from the time of Machiavelli to that of Marx and Nietzsche.
*Prerequisite: Sophomore standing.*
*Distribution Area: Historical and Cultural Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-058, Staff, Sched No 705775

### POLITICAL CHANGE AND GROUP IDENTITY — POLSCI 307

The course is concerned with the impact of group identity-racial, religious, ethnic, gender, sexual, class, national-on political systems.
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-046, Staff, Sched No 705845

### THE LEGISLATIVE PROCESS — POLSCI 318

The function of national and state legislatures, and the role played by political parties and interest groups in legislatures.
*Prerequisite: Junior standing.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-046, Staff, Sched No 705859

### LATIN AMERICAN POLITICS — POLSCI 371

An analysis of social structure and political behavior of various groups in Latin America, of a variety of forms of political participation at grass roots and national levels, and of the influence of technologically advanced countries on the politics of Latin America.
*Prerequisite: Junior standing.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-058, Staff, Sched No 705873

### POLITICS OF REVOLUTION: COMPARATIVE REVOLUTIONARY MOVEMENTS OF THE 20TH CENTURY — POLSCI 377B

This course focuses on the third world, and covers two southeast Asian cases (the Philippines and Vietnam), two African cases (Kenya and Congo) and three Latin American/South American cases (Cuba, Peru, and Colombia).
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-046, Mr Thaxton, Sched No 709716

## Psychology

### INTRODUCTORY PSYCHOLOGY PSYCH 100

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
*Note: Students who have already earned credits for Psych 101 may not register for this course.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
M-2-621, Mr Buchanan, Sched No 706202

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
M-2-116, Ms Rattet, Sched No 709436

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-054, Ms Leigh, Sched No 706209

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-423, Ms O'Dwyer, Sched No 706223

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-1-608, Ms Cohen, Sched No 709170

### INTRODUCTION TO BEHAVIORAL RESEARCH PSYCH 102

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-054, Ms Arai, Sched No 706237

### PERSONALITY PSYCH 200

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
*Prerequisite: Psych 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-055, Mr Smith, Sched No 706251

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
M-2-621, Staff, Sched No 709177

### ABNORMAL PSYCHOLOGY PSYCH 215

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
M-2-206, Ms Kogan, Sched No 706279

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-055, Ms Woodard, Sched No 706286

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-054, Ms Woodard, Sched No 706293

### SOCIAL PSYCHOLOGY PSYCH 230

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-057, Mr Norasakkunkit, Sched No 706307

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-055, Ms Estow, Sched No 706314

### INFANCY AND CHILDHOOD DEVELOPMENT PSYCH 241

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
*Prerequisite: Psych 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
M-3-430, Staff, Sched No 706328

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-054, Staff, Sched No 706335

### ADOLESCENCE — PSYCH 242

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
M-2-616, Ms Morris, Sched No 706349

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-061, Ms LaVoie, Sched No 706356

### LEARNING AND MEMORY — PSYCH 250

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-057, Staff, Sched No 706370

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
M-2-616, Mr Buchanan, Sched No 706377

### PERCEPTION — PSYCH 255

The traditional problems of perception, with focus on the changing theoretical perspectives within which these problems are viewed. Evolution in theory from early elementalistic approaches to the more current concern with perception-personality relationships.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-061, Mr Kremin, Sched No 706391

### BEHAVIORAL NEUROSCIENCE — PSYCH 260

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
*Prerequisite: Psych 100 or 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-055, Mr Buchanan, Sched No 706405

### STATISTICS — PSYCH Z270

The applied study of the scientific method in the behavioral sciences. Fundamental statistical concepts and techniques are surveyed and used, with primary emphasis on the logic underlying the use of descriptive and inferential tools in scientific inquiry. Topics include parametric and non-parametric statistics, e.g., correlation and analysis of variance.
*Prerequisites: Psych 101 and high school algebra or Math 124.*
*3 Credits*
*Lab fee: $15*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
M-2-116, Mr Norasakkunkit, Sched No 706181

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-608, Ms O'Dwyer, Sched No 706188

### PSYCHOLOGICAL TESTING — PSYCH 300

An examination of the assessment process and the methods (tests, interviews, observations) used in it. Emphasis on the standards of validity for tests and procedures and on proper test use. Introduction to some major psychological tests.
*Prerequisite: Psych Z270.*
*3 Credits*
*Lab fee: $25*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-428, Ms LaVoie, Sched No 709184

### PSYCHOLOGICAL TRAUMA: INDIVIDUAL AND SOCIETY — PSYCH 315

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines the normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.
*Prerequisite: Psych 215.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-2-198, Ms Wigren, Sched No 706433

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-428, Mr Miller, Sched No 706440

### GROUP DYNAMICS — PSYCH 333

An examination of small group behavior from a theoretical and empirical perspective. The group is viewed as a system functioning in a number of environments—physical, personal, social, and task. Each of these interrelated environments influences various aspects of group process. Thus leadership, power, conformity, status, goals, etc., are considered as interrelated processes of social interaction.
*Prerequisite: Psych 230.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-060, Ms Cohen, Sched No 706454

**SOCIAL ATTITUDES AND PUBLIC OPINION** **PSYCH 335**

This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.
*Prerequisite: Psych 230.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-1-617, Staff, Sched No 706468

**INTERNSHIP IN PSYCHOLOGY** **PSYCH 430**

An internship course to give students the opportunity of combining human service or research in an area of psychology with a weekly seminar where they can reflect on their field experiences. As part of the seminar, students will be expected to attend its weekly meetings and to complete readings and a written term project relevant to their field experience as worked out in consultation with the faculty coordinator.
*Prerequisites: Psych 101, and 102 or Z270; three additional psychology courses, including one upper level course; and permission of the instructor.*
*6 Credits*

For more information, please contact the Psychology department at 617.287.6350.

## Study of Religion

**SOCRATES, JESUS, BUDDHA** **RELSTY C104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-1-058, Mr Lafargue, Sched No 706531

**SYMBOL, MYTH, RITUAL** **RELSTY 109**

An introductory and survey course in religion which takes a comparative, historical and anthropological approach. Beginning with primitive and archaic religion (including myth and ritual) it concentrates on two or three world-historic religions (e.g., Buddhism, Judaism, Christianity) and on contemporary renewals and revision of those traditions from the perspective of various critics of the social and political order.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-060, Ms Michaud, Sched No 706545

**ASIAN RELIGIONS** **RELSTY 232**

A study of religious expression in China and Japan with special emphasis on Confucianism, Taoism, Buddhism, and Shinto.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-060, Mr LaFargue, Sched No 709191

**OCCULTISM: AN ALTERNATIVE SPIRITUAL TRADITION** **RELSTY 480A**

People today usually associate occultism with dark secrets, exotic cults, and devil worship. But many occultists have been proponents of a highly developed philosophical and spiritual tradition, which was for centuries the main underground alternative to mainstream Christianity and Judaism. This course will explore the roots of occult philosophy and spirituality, first in the writings of Plato and Neoplatonists, then in writings connected with an early Christian heresy known as Gnosticism (associated also with Jewish Kabbalah). Then we will go on to study Platonic and Gnostic ideas reflected in medieval alchemy. The final course readings will deal with the teachings of one major modern offshoot of this tradition, a 19th century British occult organization called the Hermetic Order of the Golden Dawn (to which W.B. Yeats belonged). We will study in detail a deck of Tarot cards designed and commented on by members of this group, who regarded the pictures on these cards as symbolic representations of traditional Gnostic and Kabbalistic ideas, understood in some new ways.
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-127, Mr Lafargue, Sched No 709198

## Sociology

**INTRODUCTION TO SOCIOLOGY** **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-1-064, Mr Schaefer, Sched No 706706

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-063, Mr Kefayati, Sched No 706713

MORNING/AFTERNOON, SESSION II
July 16-Aug 23, MTuWTh 11:45am-1:15pm
W-1-009, Mr Goldstein, Sched No 706720

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-064, Mr Michels, Sched No 706727

**BATTERED WOMEN** **SOCIOL 180C**

This course focuses on legal, social, and emotional issues. Discussions examine such topics as the politics of battering and the thinking behind it; the practical problems faced by battered women; the social and legal remedies presently available and why their effectiveness is so limited; how the issue of violence against women finally came to the public's attention; how society has perpetuated the myths behind battering; how the processes that perpetuate the violence might be reversed. The course also considers shelters, direct action, and legal and legislative reform in this area, including controversial self-defense cases involving battered women who have killed abusive spouses or lovers.
*2 Credits*

EVENING, SESSION I
May 30-June 27, MW 6:00-9:00pm
W-2-126, Ms Marusich-Smith, Sched No 706741

**CHILD ABUSE** **SOCIOL 180D**

This course addresses ways of decreasing the incidence of child abuse in our society, by providing students with a clearer understanding of child abuse as a social problem; with some grasp of the psychological complexities of child abuse, for the victim and the perpetrator; and with an awareness of Massachusetts laws dealing with child abuse.
*1 Credit*

EVENING, SESSION I
July 2-11, MW 6:00-9:00pm
W-2-126, Ms Marusich-Smith, Sched No 706755

**YOUTH AND SOCIETY** **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
*Prerequisite: Sociol 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-2-125, Mr Kefayati, Sched No 706769

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-2-127, Mr Taleff, Sched No 709226

**SOUTHEAST ASIANS IN AMERICA** **SOCIOL L225**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-055, Ms Sychitkokhong, Sched No 709261

**ASIAN WOMEN IN THE UNITED STATES** **SOCIOL L228**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.
*AmSt L223 or AmSt L225 or permission of instructor.*
*Distribution Area: Social and Behavioral Sciences.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-064, Ms Kim, Sched No 706587

**THE FAMILY** **SOCIOL 242**

A comparative and historical analysis of family systems. Emphasis on the development and the future prospects of the nuclear family in middle-class industrial society.
*Prerequisite: Sociol 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-1-058, Mr Kamara, Sched No 709233

**CRIMINOLOGY** **SOCIOL L262**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
*Prerequisite: Sociol 101.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-057, Mr Bebo, Sched No 706601

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-2-126, Mr Faiella, Sched No 706608

**SOCIETY AND THE INDIVIDUAL** **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
*Prerequisite: Sociol 101.*
*Distribution Area: Social and Behavioral Sciences.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, MTuWTh 11:45am-1:15pm
W-1-055, Mr Schaefer, Sched No 706811

**FAMILY VIOLENCE** **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
*Prerequisites: Sociol 101 or permission of instructor.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-2-126, Ms Marusich-Smith, Sched No 706825

**ELEMENTS OF SOCIOLOGICAL THEORY** **SOCIOL 341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
*Prerequisites: Sociol 101 and junior standing.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-2-126, Mr Jacobs, Sched No 706839

**ELEMENTS OF SOCIAL STATISTICS** **SOCIOL 350**

Fundamentals of social statistics; special emphasis on probability, tests of significance, and measures of association.
*Prerequisite: Sociol 101.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-044, Mr Movahedi, Sched No 706867

**METHODS OF SOCIOLOGICAL RESEARCH** **SOCIOL L351**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
*Prerequisites: Sociol 101 and junior standing.*
*3 Credits*

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-2-126, Mr Movahedi, Sched No 706636

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-057, Ms Spearin, Sched No 709219

**CORRECTIONS** **SOCIOL L363**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
*Prerequisites: Junior standing and Sociol 362.*
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-1-058, Mr Taylor, Sched No 709205

**DRUGS AND SOCIETY** **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
*3 Credits*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-2-124, Mr Taleff, Sched No 706895

**ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY** **SOCIOL L368**

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-2-126, Ms Mignon, Sched No 706664

**ALCOHOLISM AND SUBSTANCE ABUSE: TREATMENT AND PREVENTION** **SOCIOL 369**

An intensive examination of theories and research on the etiology of alcohol and other drug abuse, with special emphasis on their implications for treatment, prevention, and education programs; sociological factors influencing diagnosis and treatment outcomes; legal coercion treatment programs; behavioral, family therapy, and community reinforcement approaches; audio-visual media in alcohol and drug education. Special attention to self-help groups.
*Prerequisite: Sociol L368 or permission of instructor.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-126, Ms Mignon, Sched No 709342

**THE SOCIOLOGY OF GENDER** **SOCIOL 382**

This course analyzes the sociological determinants and consequences of gender-that is, how societies assign specific expectations, advantages, and disadvantages to people on the basis of the biological fact of their sex. It examines the inequality between men and women that is a feature of the structure of many societies, as well as the social-psychological dimensions influencing individual behavior.
*Prerequisite: Sociol 101.*
*Diversity Area: United States.*
*3 Credits*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 8:15-9:45am
W-1-064, Ms Conboy, Sched No 709275

### COOPERATIVE EDUCATION — SOCIOL 444

This course is open to junior or senior students in all majors. Please contact the Department of Sociology (617.287.6250 or 617.287.6260) for a description of internship arrangements for criminal justice, sociology, and other majors and for the Alcohol and Substance Abuse Studies Certificate Program. In addition to the internship and reading/writing assignments, this course involves individual meetings with the instructor, occasional classroom sessions, and intensive supervision by field personnel and the instructor.
*3-6 Credits*

For more information, please contact the Sociology department at 617.287.6250 or 617.287.6260.

### THE POLICE IN SOCIETY — SOCIOL L465

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
*Prerequisites: Senior standing, Sociol 101 and 9 credit hours in sociology.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-2-126, Mr Taylor, Sched No 706678

### THE SOCIOLOGY OF LAW — SOCIOL L467

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
*Prerequisites: Sociol 101 and 6 credits in sociology; junior or senior standing.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-062, Mr Forberger, Sched No 706692

### MEGAN'S LAW: COMMUNITY RESPONSE TO SEX OFFENDERS — SOCIOL 478

By the end of this class, the student will understand the Massachusetts version of "Megan's Law," the sex offender registration and community notification law. The student will read and discuss the statute and the case law and learn the reasons for the enactment of the law and its implications for the criminal justice system and the community.
*1 Credit*

AFTERNOON, SESSION II
July 17-26, TuTh 1:30-4:30pm
W-1-045, Ms Walsh, Sched No 709289

### SPORTS AND DRUGS — SOCIOL 479

This course centers on a variety of interconnected themes, including a brief history of drugs and sports, medical issues, ethical concerns, prevention, and treatment. In particular, steroids will be looked at closely: the prevalence of sxteroids among athletes, steroids as a way to enhance athletic performance, medical complications, and why some athletes take steroids.
*1 Credit*

AFTERNOON, SESSION II
Aug 14-23, TuTh 1:30-4:30pm
W-1-045, Mr Goldstein, Sched No 709303

### HIV/AIDS — SOCIOL 480A

This course is designed to give students information about the history and development of the AIDS epidemic in this country. And further for students to develop an appreciation of the complexities involved in meeting the challenges of addressing the epidemic. The course will begin with a basic introduction to HIV/AIDS. The introduction will include: routes of transmission, demographics, and history of the epidemic. The focus will then shift to new approaches to prevention and treatment. Some of the new approaches to be examined are harm reduction and combination therapy. With this introduction, students will have a framework from which to consider future implications. This course is ideal for people working in areas where familiarity with HIV/AIDS is a necessity to effectively understand and interact with the patient or client population. This is particularly true for students interested in the field of drug and alcohol treatment. A field trip and a guest speaker will be incorporated into the course. No prerequisites required.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-2-127, Ms Pratt, Sched No 709240

## Spanish

**SPECIAL PROGRAM** See Page 2

### SPANISH AND CULTURE IN CUERNAVACA, MEXICO

Earn up to six credits in Spanish while experiencing Mexican culture in this five-week program in the beautiful city of Cuernavaca.

**SPECIAL PROGRAM** See Page 3

### CERTIFICATE IN SPANISH/ENGLISH TRANSLATION

This two-course, twelve-credit program focuses on the development of the basic skills of written translation and on the practice of these skills using a variety of materials, genres, and settings.

**ELEMENTARY SPANISH I** **SPAN 101**

For students who have no creditable training in Spanish; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.
*Note: Students may not take both Span 101 and 105.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15.*

MORNING, SESSION I
May 29-July 12, MTuWTh 10:00-11:30am
W-1-005, Ms Belansky, Sched No 707007

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 2:00-4:00pm
M-2-624, Ms Benaion, Sched No 707021

EVENING, SESSION I
May 29-July 12, TuWTh 6:00-8:00pm
M-2-205, Mr Mogavero, Sched No 707014

**ELEMENTARY SPANISH II** **SPAN 102**

The continuation of Spanish 101.
*Prerequisite: Span 101 or equivalent. Note: Students may not take both Span 102 and 106.*
*Distribution Area: Foreign Languages.*
*4 Credits*
*Lab fee: $15*

MORNING, SESSION II
July 16-Aug 23, MTuWTh 10:00-11:30am
W-1-005, Staff, Sched No 707035

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 2:00-4:00pm
M-2-624, Mr Manso, Sched No 707049

EVENING, SESSION II
July 17-Aug 23, TuWTh 6:00-8:00pm
M-2-205, Mr Mogavero, Sched No 707042

**INTERMEDIATE SPANISH I** **SPAN 201**

This course, a comprehensive review of Spanish grammar, is intended for non-native speakers of Spanish who have already completed one year of college-level Spanish or its equivalent. The course focuses primarily on grammar, with secondary emphasis given to speaking, writing, and reading.
*Prerequisite: Span 102 or equivalent.*
*Distribution Area: Foreign Languages.*
*3 Credits*
*Lab fee: $15*

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-019, Ms Aviles-Quinones, Sched No 707091

EVENING, SESSION I
May 29-June 28, MTuWTh 6:00-8:00pm
M-2-419, Ms Aviles-Quinones, Sched No 707098

**INTERMEDIATE SPANISH II** **SPAN 202**

This course emphasizes reading and writing in Spanish, and is conducted in Spanish. Discussions of readings is also in Spanish. Depending on the texts used, reading assignments may focus on particular grammatical problems, as well as on the content of the readings. The course seeks to help students enhance their skills in reading, writing, speaking, and understanding Spanish.
*Prerequisite: Span 201 or equivalent.*
*Distribution Area: Foreign Languages.*
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
M-2-621, Staff, Sched No 707119

EVENING, SESSION II
July 2-Aug 2, MTuWTh 6:00-8:00pm
M-2-419, Manso, Sched No 707126

**ADVANCED READING, WRITING, AND SPEAKING** **SPAN 301**

Course designed to help improve reading, writing and oral skills in Spanish. Individual reports on current evens and class discussion of contemporary literature and films are used to develop oral skills. Practice in reading skills includes analysis of short stories, plays, poems, novels and newspaper articles. Written expression is strengthened through writing essays, journal entries and reviews.
*Prerequisite: SPAN 281 or permission of instructor.*
*Distribution Area: Foreign Languages.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-624, Ms Belansky, Sched No 709317

## Theatre Arts

SPECIAL PROGRAM
See Page 4

**PLAYWRITING AND PERFORMANCE ON NANTUCKET**

Each summer for more than thirty years, students have come to Nantucket for our intensive nine-credit program combining writing and performance.

**BALLET** **THRART 132**

This course combines introductory, intermediate and advanced study of ballet; emphasis on performance.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
Clark Creativity Room, Ms Hwang, Sched No 709345

**INTRODUCTION TO ACTING I** **THRART 236**

Dramatic form as required in acting. A survey of various styles: Greek, Elizabethan, Restoration and Modern; the actor's function, with emphasis on recently evolved methods of acting, and on preparation of scenes in class.
*Distribution Area: The Arts.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-008, Mr Conlon, Sched No 707385

**INTRODUCTION TO BALLROOM DANCING** **THRART 481C**

This class will cover the history, styling, posture, positions, leading, following, and etiquette of ballroom dance. Dances to be presented include the foxtrot, waltz, tango, swing, cha-cha, mambo, and meringue.
*3 Credits*

MORNING/AFTERNOON, SESSION I
May 29-June 28, MTuWTh 11:30am-1:30pm
Clark Creativity Room, Ms Pappalardo-Musmon, Sched No 709359

## Women's Studies

**WOMEN, CULTURE AND IDENTITY** **WOST C150**

An introductory level course examining the origins of present attitudes about women, critical analyses of women's situation in patriarchal cultures, and efforts by women to achieve a self-defined female identity. Drawing on materials from myth, religion, philosophy, anthropology, feminist analysis, literature, and autobiography, the course investigates cultural beliefs about woman's "nature" and role at different times and places, attempts to explain the origins and persistence of woman's subordination, and women's efforts to define a new identity through political and creative activity. May be taken separately from or concurrently with WoSt C100 as a first or second course in women's studies. Preference given to first and second year or transfer students.
*Distribution Area: Philosophical and Humanistic Studies.*
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-619, Ms Melzer, Sched No 709849

**WOMEN, WORK, AND STRESS** **WOST 180A**

An introductory level minicourse, which examines the relationships between women's paid and unpaid work experiences and their well-being. Drawing on material from medicine, psychology, sociology, literature and history, the course critically explores the concepts of stress, stress management, sex roles, work, wellness, and wholeness. Students are encouraged to study and evaluate their own work settings and experiences.
*2 Credits*

EVENING, SESSION II
July 16-Aug 8, MW 6:00-9:00pm
W-1-062, Ms Cordill, Sched No 707455

**WOMEN AND ADDICTION** **WOST 180B**

This course examines the relationships between women's social roles and status and their experiences with addiction and substance abuse problems. Medical, sociological, psychological and literary materials are reviewed. The social forces that produce "addictions" and the impact of family and community addiction problems upon the lives of women are also discussed, as are approaches to reducing the harmful impact of addictions
*1 Credit*

EVENING, SESSION II
Aug 13-22, MW 6:00-9:00pm
W-1-062, Ms Cordill, Sched No 707469

**WOMEN AND MEDIA** **WOST 220**

This course explores how the historical evolution and commercial orientation of mass communications media have helped shape the depiction of women and minorities in advertising, entertainment fictions, and news. Students learn to analyze visual imagery for its conceptual and emotional messages; to distinguish stereotypes from more complex characterizations in TV fictions; and to monitor the representations of women and other culturally subordinate groups in the print and broadcast news. Some consideration is given to the status of women and racial minorities in communications industries.
*Distribution Area: The Arts.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-127, Ms Lindsey, Sched No 707483

**WOMEN'S HEALTH CARE** **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement. There is no prerequisite, but WoSt C100 is recommended.
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-060, Ms Cordill, Sched No 709373

**NATIVE AMERICAN WOMEN IN NORTH AMERICA** **WOST 270**

This course focuses on the lives of native North American women, in traditional societies and in contemporary life, as revealed through their life histories, the recounting of tribal history, legends and myths, art, and contemporary poetry and fiction. There is no prerequisite, but WoSt C100 or C150 is recommended.
*Distribution Area: Historical and Cultural Studies.*
*Diversity Area: United States.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-2-127, Ms Morse, Sched No 709387

UMass Boston's College of Management (CM) has three departments: Accounting and Finance, Management and Marketing, and Management Science and Information Systems. All CM offerings appear below, grouped according to department.

Any CM student may register for any CM course provided all prerequisites have been met. A non-CM or non-UMass Boston student will need a current official college transcript and, if applicable, verification of his or her current registration in prerequisite courses. This material must be reviewed and approved by CM's Undergraduate Program Office (located on the 5th floor of McCormack Hall, room 603) no later than the last day of the add/drop period. A student wishing to register in person for CM courses should call CM's Undergraduate Program Office, at 617 287-7760, for an appointment. The office is open Monday through Friday, 8:30am to 5:00pm.

## Internships

The Internship Program offers College of Management students the opportunity to intern in a Boston corporation or agency to enhance the knowledge acquired in the classroom. Internships allow students to exercise skills and abilities, to gain new perspectives on career goals and academic directions and to further their personal and professional development.

Internships may relate to any of the functional areas of management. Paid and unpaid internships are available throughout the summer. For details, please contact the College of Management's Career Resources Center at 617 287-7760.

Prerequisites for internships are as follows:

a) a minimum of 75 credits
b) completion of at least 3/4 of all core courses
c) completion of at least one concentration course

## Accounting and Finance

**PERSONAL FINANCE** **AF 201**

Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-July 12, Mr Hayden, Sched No 709870
Fee: $650 (plus $45 registration and service fees)

ONLINE COURSE

**FINANCIAL ACCOUNTING** **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
*Prerequisite: 30 credits.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-2-158, Mr Staff, Sched No 700112

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-621, Mr Seol, Sched No 700119

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-621, Mr Vogel, Sched No 700126

**MANAGERIAL ACCOUNTING** **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
*Prerequisite: AF 210.*
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
M-2-621, Mr Seol, Sched No 700147

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
W-2-158, Mr Bierstaker, Sched No 700154

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-621, Mr Vogel, Sched No 700161

**INTRODUCTION TO FINANCIAL MANAGEMENT** **AF 301**

Introduces financial management (both short-term and long-term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.

*Prerequisites: AF 211 and 60 credits.*

*Enrollment restricted: See note under Management above.*

*3 Credits*

AFTERNOON, SESSION I

May 29-July 12, TuTh 1:30-4:30pm

W-2-041, Staff, Sched No 709989

**ACCOUNTING AND FINANCE INTERNSHIP** **AF 480**

For details, see "Internships" at the beginning of this section.

## Management and Marketing

**INTRODUCTION TO BUSINESS** **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.

*3 Credits*

EVENING, SESSION II

July 17-Aug 23, TuTh 6:00-9:00pm

M-1-201, Mr Evereteze, Sched No 704599

WWW.UMASSBOSTONONLINE.NET

May 29-Aug 23, Mr Romar, Sched No 709912

Fee: $650 (plus $45 registration and service fees)

**MANAGING ORGANIZATIONS** **MGT 303**

Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing, diagnosing, and acting on managerial problems related to organizations, to their objectives, and to the development of human resources. The course emphasizes topics at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior, motivation, and interpersonal relations.

*Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MGT 303 as corequisites, permission from the Undergraduate Program Office is required).*

*Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undergraduate Program Office (for non-degree students).*

*3 Credits*

EVENING, SESSION I

May 29-July 12, TuTh 6:00-9:00pm

M-2-214, Ms Jackson, Sched No 704613

**BUSINESS ENVIRONMENTS AND PUBLIC POLICY** **MGT 330**

Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.

*Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MGT 330 as corequisites, permission from the Undergraduate Program Office is required).*

*Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undergraduate Program Office (for non-degree students).*

*3 Credits*

AFTERNOON, SESSION I

May 29-July 12, TuTh 1:30-4:30pm

M-2-616, Mr Anzenberger, Sched No 704627

**MANAGERIAL ETHICS AND SOCIAL ISSUES** **MGT 331**

Examines the kinds of ethical principles (e.g., justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.

*Prerequisite: MGT 303.*

*3 Credits*

EVENING, SESSION I

May 30-July 11, MW 6:00-9:00pm

M-2-214, Mr Evereteze, Sched No 704641

AFTERNOON, SESSION II

July 17-Aug 23, TuTh 1:30-4:30pm

M-2-616, Mr Habib, Sched No 704648

**CHINA: CHALLENGES OF SUSTAINABLE DEVELOPMENT** **MGT 478**

As China grows from 1.2 billion to 2 billion inhabitants, and as it modernizes its state-run industries while switching to a market economy, the country will face major challenges in modernizing while still providing the majority of its citizens, in all parts of China, with an economy featuring adequate jobs, housing, food, and transportation. China also wants to be a global economic participant and is currently applying for membership in the World Trade Organization. At the same time, China, already one of the most polluted countries on earth, needs to deal with significant environmental problems with regard to sources of energy, air and water quality, water quantity, waste disposal, etc. Sustainable development is a concept where economic growth needs to be balanced with environmental stewardship in order for natural resources to be available to future generations, clearly a significant challenge for China.

*3 Credits*

EVENING, SESSION II

July 17-Aug 23, TuTh 6:00-9:00pm

M-2-214, Ms Diener, Sched No 708918

**MANAGEMENT INTERNSHIP** MGT 480

For details, see "Internships" at the beginning of this section.

**STRATEGIC MANAGEMENT** MGT 490

Focuses on the organization as a whole from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone course in the student's College of Management curriculum. It develops an approach for identifying the mission of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. This course is required of all College of Management students. MGT331 can be taken concurrently with this course.

*Prerequisite or Corequisite: MGT 331.*
*Prerequisites: AF 210, AF 211, AF 301, MGT 303, MGT 330, MKT 301, and MSIS 301.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-1-417, Mr Anzenberger, Sched No 704690

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-116, Ms Diener, Sched No 708925

**ANALYSIS AND COMMUNICATION FOR MANAGERS** ACM 299

Offers instruction and practice in the writing of persuasive analytical prose. With its focus on managerial reasoning, the course emphasizes clarity and coherence in case analyses and project reports. It is required of all students in the College of Management.

*Enrollment restricted to UMass Boston CM students only.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-1-619, Ms O'Connor, Sched No 700014

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-1-619, Ms O'Connor, Sched No 700021

**PRINCIPLES OF MARKETING** MKT 301

Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.

*Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MKT 301 as corequisites, permission from the Undergraduate Program Office is required).*
*Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undegraduate Program Office (for non-degree students).*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
M-2-621, Mr McClure, Sched No 704711

**RETAILING MANAGEMENT** MKT 404

Examines the structure and nature of retailing enterprises. The course places a marked emphasis on analysis and decision making within retailing organizations.

*Prerequisite: MKT 301.*
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-061, Ms Roberts, Sched No 704725

**MARKETING INTERNSHIP** MKT 480

For details, see "Internships" at the beginning of this section.

## Management Science and Information Systems

**INTRODUCTION TO COMPUTERS AND INFORMATION SERVICES** MSIS 110

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.

*3 Credits*
*Special course fee: $490*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
M-2-206, Mr Bharati, Sched No 704753

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-2-417, Mr Raben, Sched No 708932

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-206, Mr Gutierrez, Sched No 704760

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-417, Mr Gutierrez, Sched No 708939

### MANAGERIAL STATISTICS MSIS 111

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.
*Prerequisite: Math 129. Corequisite: MSIS 110.*
*3 Credits*
*Special course fee: $490*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
M-1-213, Ms Wagner, Sched No 704774

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-4:30pm
M-2-621, Mr Richetta, Sched No 704781

### MANAGERIAL DECISION MAKING MSIS 212

Provides the student with knowledge of more advanced decision making tools, building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management settings.
*Prerequisites: MSIS 110 and MSIS 111.*
*3 Credits*
*Special course fee: $490*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-2-417, Ms Wagner, Sched No 708946

### OPERATIONS MANAGEMENT MSIS 301

Introduces the student to the concepts and techniques used by organizations to support their fundamental task of producing goods and services. This course includes a balanced view of the manufacture of tangible goods and the production of less-tangible services. Topics covered include product and process strategy, quality management, production planning for manufacturing and for service organizations, and inventory management. The course also includes an examination of the interactions of operations management, quantitative decision making techniques, and information technology. Students use management science techniques and software to examine a wide variety of operations management problems.
*Prerequisites: Math 134, MSIS 110, MSIS 210 and 60 credits.*
*3 Credits*
*Special course fee: $490*

AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
M-2-621, Mr Shimshak, Sched No 704816

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-063, Mr Shimshak, Sched No 709772

### CLIENT/SERVER PROGRAMMING MSIS 310

Introduces students to graphical/visual programming concepts using Visual Basic and Microsoft Windows Environment. The course will expose the students to both procedural and event-driven programming; it will also introduce component-based client/server implementation.
*Prerequisites: MSIS 110 and 60 credits.*
*3 Credits*
*Special course fee: $490*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-057, Mr Stone, Sched No 708953

### COMPUTER NETWORKS FOR MANAGEMENT MSIS 414

Familiarizes students with the rapidly evolving technology in the areas of data, video, and voice communication. The course studies managerial issues relating to the use and management of advanced communication technology. Students learn how to exploit the technology for business purposes such as producing innovative services, improving quality, reducing cost, and providing real-time customer service. The relevance of Internet use in business applications is demonstrated. HTML is used to illustrate the development of Internet applications. The course helps develop an ability to manage new technologies of 1990's such as ISDN, advanced intelligent networks, multimedia, fiber optics, and virtual networks towards goals such as growth and portability.
*Prerequisite: MSIS 110.*
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-1-608, Mr Kuilboer, Sched No 704858

### PROJECT MANAGEMENT MSIS 425

Covers techniques and managerial concepts of project management. This course prepares students to manage either complex physical projects or complex software development projects. Topics presented in this course include project life cycles, economic analysis of projects, work breakdown structure, cost estimation, and the scheduling, staffing, directing, and controlling of projects. The course also covers the use of management science techniques and computer software for project management.
*Prerequisite: MSIS 110.*
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
M-2-616, Ms Ashrafi, Sched No 704872

### MANAGEMENT SCIENCE AND INFORMATION SYSTEMS INTERNSHIP MSIS 480

For details, see "Internships" at the beginning of this section.

## Human Performance and Fitness

**FITNESS LEADERSHIP** **HPF 130**

This course examines instructional methods, materials and objectives for the purpose of preparing fitness leaders with leadership skills in the areas of aerobics, water fitness, walking/jogging, and weight training.
*3 Credits*
*Lab fee: $25*

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-045, Mr Webb, Sched No 703759

**FIRST AID AND CARDIOPULMONARY RESUSCITATION** **HPF 221**

Students completing this course fulfill the current requirements of the American Red Cross for the Standard First Aid and Safety Certificate and the Cardiopulmonary Community Resuscitation Certificate.
*2 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 1:30-3:00pm
W-1-045, Mr Webb, Sched No 703787

**LIFETIME FITNESS** **HPF 256**

This course introduces students to the concepts and principles of physical fitness. It emphasizes the practical application of research in exercise physiology to the design of individual physical fitness programs. Students gain an understanding of cardiorespiratory fitness, muscular strength and endurance, body composition and flexibility.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-045, Ms Milliken, Sched No 703801

## Nursing

**HEALTH ASSESSMENT** **NURSNG 205**

The focus of this course is on assessment, the first phase of the nursing process, seen within an organizing framework of systems analysis. The nursing diagnostic statement is emphasized as the basis for the planning of nursing management. The course introduces basic processes of health assessment, interviewing, and history-taking. Physical examination techniques (inspection, palpation, percussion, auscultation, measurement, and instrumentation) are described as extensions of the observation process. The course includes a practicum component.
*Prerequisites: Biol 111, 207, 209; Chem 200 or Biol 108; Chem 107 and 108; Nursng 230.*
*Co-requisite: Nursng 201, Nursng 210, Biol 208.*
*4 Credits*
*Lab fee: $35*

MORNING, SESSION I
May 29-July 12, TuTh 8:15-11:15am
W-1-063, Ms Abdallah, Sched No 705145

LAB: AFTERNOON, SESSION I
May 29-July 12, TuTh 12:00-2:00pm
Sched No 705152

The College of Public and Community Service (CPCS) offers a competency-based curriculum leading to a bachelor's degree for adults who have a firm commitment to public or community service. Students can choose a career concentration in Community Planning, Criminal Justice, Gerontology, Human Services, Labor Studies, or Legal Education.

The following College of Public and Community Service Courses will be offered through the Division of Corporate, Continuing, and Distance Education this summer. Please note that these courses are open only to matriculated CPCS students.

The fee for each course is $450, plus registration and service fees (see Fees and Payments, page 73).

NOTE: Some of the courses listed below have two schedule numbers, one for the course section and one for the associated CPCS competency. Students should register using both of these schedule numbers.

### UNDERSTANDING SOCIAL CHANGE ROLES — CARCTR 115

This course will look at Social Change Roles using your experience as an individual and/or group participant around any issue. We will draw on your acquired skills, research strategies, models and documented case studies to create a linkage to the theories of this competency.

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-1-063, Ms Quammie-Alleyne
Sched Nos 709107, 710157

### COMMUNITY PORTRAITS — CARCTR 200

Through this course you will develop skills in preparing a portrait of a local community, including social, economic, physical and historical dimensions. You will become familiar with a variety of types and sources of information about local communities. You will learn how to assess the quality of the information you find, how to analyze and interpret it, and how to present it effectively with words, numbers, and maps. The course will introduce ways of using computers for finding local community information, so a basic level of computer skills is an essential prerequisite. The course will also introduce various sources of quantitative information, such as the Census; while there will be assistance in handling the math involved, basic math competence is another essential prerequisite.

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-1-020, Mr Aponte-Pares
Sched Nos 709065, 708260

### MEDIA LITERACY — CORCTR 130

In this course we will read, view, and listen to a range of mass media critically in order to determine how words, sounds, and images are used to convey meaning and/or to persuade. We will explore how the media shape our perceptions of others and influence our understanding of the social events and phenomena that comprise our daily lives.

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-051, Ms Halper
Sched Nos 709051, 709135

### QUANTITATIVE REASONING — CORCTR 200

This course focuses on the statistical aspects of various economic, political and social issues. Through applications relating to all areas of the CPCS curriculum, we will show how understanding quantitative reasoning is a necessary part of understanding public and community service issues. Further, we will study the concepts and skills necessary to develop critical quantitative reasoning.

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-051, Staff
Sched Nos 709121, 709149

### CRIME, JUSTICE, AND SOCIETY — CRIJUS 262

For information on course content, see Sociol L262 (page 36).

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-057, Mr Bebo, Sched No 702023

MORNING/AFTERNOON, SESSION II
July 16-Aug 22, MW 10:00am-1:00pm
W-2-126, Mr Faiella, Sched No 702030

### RESEARCHING CRIMINAL JUSTICE ISSUES — CRIJUS 351

For information on course content, see Sociol L351 (page 37).

MORNING, SESSION I
May 29-July 12, MTuWTh 8:15-9:45am
W-2-126, Mr Movahedi, Sched No 702058

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-057, Ms Spearin, Sched No 708449

### CORRECTIONAL INSTITUTIONS AND PROCEDURES — CRIJUS 363

For information on course content, see Sociol L363 (page 37).

MORNING/AFTERNOON, SESSION I
May 30-July 11, MW 10:00am-1:00pm
W-1-058, Mr Taylor, Sched No 708463

### LEGAL AND MORAL DILEMMAS IN CRIMINAL JUSTICE — CRIJUS 368

For information on course content, see Sociol L368 (page 37).

MORNING/AFTERNOON, SESSION I
May 29-July 12, TuTh 10:00am-1:00pm
W-2-126, Ms Mignon, Sched No 702086

### INNOVATIONS IN POLICE POLICY AND MANAGEMENT — CRIJUS 465

For information on course content, see Sociol L465 (page 38).

AFTERNOON, SESSION I
May 30-July 11, MW 1:30-4:30pm
W-2-126, Mr Taylor, Sched No 702100

### CRIMINAL LAW — CRIJUS 467

For information on course content, see Sociol L467 (page 38).

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-062, Mr Forberger, Sched No 702114

### APPLYING THEORY TO POLICY AND PRACTICE IN CRIMINAL JUSTICE — CRJCTR 400

This course focuses on historical, sociological, and psychological theories of crimes. Special attention is given to how theory is utilized in the formation of criminal justice policies. *This course may be taken by CAS students as an elective on a pass/fail basis.*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-415, Mr Stevens, Sched Nos 710199, 710178

### CONCEPTS IN COMMUNITY ORIENTED POLICING — CRJCTR 420

Community-oriented policing seeks to control crime through stronger involvement with the community. This instructional activity will examines the history, values, and principles of community policing. Students will prepare a comprehensive plan for the delivery of community-oriented policing to a specific community neighborhood.
*This course may be taken by CAS students as an elective on a pass/fail basis.*

AFTERNOON, SESSION I
May 29-July 12, TuTh 1:30-4:30pm
W-1-045, Mr Stevens, Sched Nos 709093, 709163

The Center for Technical Education (formerly the Center for Occupational Education) was established in 1981 to meet the needs of prospective vocational educators in metropolitan Boston by offering courses leading to ovcational and vocational special needs approval, special topics courses, and courses in technology education. The Center has served over 10,000 vocational educators and other school personnel and now also offers additional programs and services dedicated to enhancing proficiency and professionalism within the field.

The Center is administered by the Division of Corporate, Continuing, and Distance Education but operates under the academic authority of the University's Graduate College of Education, which provides expertise in research, curriculum design, and the development of pedagogical competencies.

Note: If a student is taking Technical Education courses only, registration/service fees are $45 (see page 73).

## Technical Education

### COMPETENCY-BASED VOCATIONAL EDUCATIONAL CURRICULUM DEVELOPMENT — OCC ED 207

This course is designed to help provisionally approved vocational educators develop competency-based curriculum materials for effective teaching of vocational programs. Students will conduct occupational research, develop program task listings, carry out performance assessments, and devise performance tests.
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 705229

### TEACHING METHODS: INSTRUCTIONAL STRATEGIES IN VOCATIONAL TECHNICAL EDUCATION — OCC ED 209

Teaching methods and strategies are a prerequisite for all prospective vocational teachers. This course will help prospective teachers to develop instructional styles, techniques, and materials for a competency-based educational environment. Prospective teachers will learn to adapt teaching styles to individual students' learning styles, prepare various forms of instructional materials, and develop an evaluation plan for assessing student competencies.
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 22, MW 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 709030

### FUNDAMENTALS OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCC ED 211

This course gives provisionally approved vocational/technical educators an historical perspective on vocational education and an insight into its future. The course will analyze federal and state laws germane to vocational education, as well as methods of implementing student organization programs. It will also analyze the workings of a vocational school meeting and examine a specific issue.
*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 705278

### MANAGEMENT OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCC ED 212

This course trains vocational educators in the theory and practice of effective classroom and laboratory management. Instructional organization, shop organization, safety, first aid, and student management will receive special emphasis.
*3 Credits*

AFTERNOON, SESSION I
May 29-July 12, TuTh 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 705292

### STUDENTS WITH SPECIAL NEEDS IN VOCATIONAL TECHNICAL EDUCATION — OCC ED 215

This course will provide an introduction to legislation governing the education of special-needs students in the vocational setting and to the different special-needs populations covered by special education legislation. There will be a special focus on working with these populations in the vocational setting. Teachers will prepare themselves to take a proactive role in special education team procedures and will be introduced to human service and manpower agencies that work effectively with special-needs students.
*3 Credits*

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 705306

### COMPUTERIZED VOCATIONAL TECHNICAL CURRICULUM MANAGEMENT — OCC ED 216

This course is designed to provide the vocational technical educator with the skills required to use the microcomputer as a tool for curriculum, classroom record-keeping, and planning. Students will adapt, modify, and incorporate the curricular resources developed within Massachusetts, including CBVE and others, into practical learning applications using the computer. In addition to offering hands-on experience with a microcomputer, the course will enable participants to blend classroom and laboratory learning, with an emphasis on integrated software and its application within a vocational technical setting.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 30-Aug 8, MTuWThF 9:00am-3:00pm
Minuteman Science and Technology High School, Lexington
Sched No 709037

### INTEGRATED TECHNOLOGIES FOR VOCATIONAL-TECHNICAL EDUCATION — PRFDVL 5X02

This course is primarily designed for educators in vocational-technical schools to significantly advance the participant's awareness, knowledge and understanding of various emerging technologies, their implementation techniques, and related instructional technologies. This course will include an overview of present and future technologies, their general characteristics, and impact on our educational system. It will also address emerging technologies, their elements and integration values, and their relation to the MCAS components.

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Taliadouros, Sched No TBA
Fee: $650 (plus $45 registration and service fees)

## Applied Linguistics

**FOUNDATIONS OF BILINGUAL/MULTICULTURAL EDUCATION** **APLING 641**

The rationale for bilingual education and its typology, with a survey of some successful Massachusetts programs. Special consideration given to the provisions of Title VII and the Massachusetts Transitional Bilingual Education Law.
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm, Ms Gounari
(For registration information, please contact the Applied Linguistics department at 617.287.5760.)

**TESTING IN THE BILINGUAL/ESL CLASSROOM** **APLING 670**

Students will become familiar with the language proficiency and language maintenance testing, and with other measurement and evaluative procedures needed in the administration and instruction of limited English proficiency students in ESL and bilingual programs.
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-1-042, Mr Martinez, Sched No 700588

**LANGUAGE AND THE MEDIA: SEMIOTICS, REPRESENTATION, AND DISCURSIVE FORMATIONS** **APLING 697A**

This course is designed to introduce the student to the history and current research in the study of symbols, signs, and images (visual language) that function in the various media of popular culture as a formative means of communication. The course will explore the production and exchange of meanings and circulating signifying systems by introducing the student to seminal schools of thought in this area of analysis: Marxism, Structuralism, the Frankfurt School, Semiotics, Poststructuralism, Postcolonialism, Feminism, and Postmodernism. We will analyze the language/symbolic orders used in news media, comedy, television advertising, children's cartoons, music video, situation comedies, soap operas, literature, magazine photos, music lyrics, the fine arts, film, museum exhibits, and history as text. In exploring how discourse and formative systems of representation set the rules, norms, and conventions by which social life is ordered and governed, this course will offer curricular insights for the language/multicultural classroom by presenting a more Cultural Studies approach to formal pedagogy.
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-043, Mr Leistyna, Sched No 708043

**LANGUAGE, LITERACY AND COMMUNITY** **APLING 697B**

This course provides the theoretical foundation for tutoring in community-based Adult Literacy/ESL programs. It is designed for students who are currently tutoring/teaching in an Adult Learning Program or who would like to pursue this in the future. The course addresses theories of adult education, second language acquisition, adult literacy, ESL pedagogy and cross-cultural understanding. Students reflect on their own educational histories, learning processes and language acquisition strategies and share their experiences with each other through this on-line seminar. After completing this course, students may have the option of enrolling in a Fieldwork course through which they will be placed as ESL or native language literacy tutors.

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Chandler, Sched No TBA
Fee: $695 (plus $45 registration and service fees)

## Applied Sociology

**ALCOHOL, DRUGS, AND CRIME** **SOCIOL 623**

An advanced course exploring the linkage between drinking misbehaviors and the criminal justice system. Special attention is given to legislation focusing on alcohol-related offenses, legal and research issues, and on the evaluation of social programs formulated in response to alcohol-crime problems. *Prerequisite: Graduate standing or permission of instructor.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-048, Ms Hartwell, Sched No 709247

**SOCIOLOGY OF LAW** **SOCIOL 667**

This course provides a general analysis of the social origins, operations, and consequences of law and legal process. Alternative theories of the relation between law and society are considered. Special attention is given to criminal law, the operation of juvenile courts, discretion in the legal system, and methods of legal research. Alternative methods of dispute resolution are considered.
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-056, Mr Forberger, Sched No 706972

## Boston Writing Project

**TEACHING AND WRITING POETRY K-12** **BWPEDU 530**

This workshop course allows teachers to expand their knowledge of poetry and its classroom applications. It incorporates ongoing writing response groups where participants write poetry and explore new themes, forms, strategies and models. Teachers will consider how critical theories translate into classroom practice and how developmental theory applies to grade level expectations. They will become familiar with a wide range of multicultural poems and poets for ages K-adult.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-26, MTuWTh 9:00am-2:30pm
Wheatley Cafeteria, Ms Spence Desjardins, Sched No 708246

**THE HEMINGWAY INSTITUTE** **BWPEDU 597A**

We will spend a week looking at selected manuscripts in the Hemingway Room of the John F. Kennedy Library, the nation's premier repository of primary source material on Ernest Hemingway. Participants will examine the composing process of the most frequently taught modern author in the high school curriculum and discuss revision. In addition, our textual scholarship will help us discuss the Hemingway stories themselves. Participants will have an opportunity to develop their own knowledge of Hemingway and create curriculum to use with their students. We will discover ways to use manuscript study to engage students as readers. The discussions of revision will reveal ways to help students discover their own composing processes using their own manuscripts. The class will focus on specific Hemingway short fiction as well as pieces (including longer texts) chosen by participants.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-20, MTuWThF 9:30am-3:00pm
Wheatley Cafeteria, Mr Rettman, Sched No 709597

**CREATING A BALANCED LITERACY PROGRAM: INTEGRATING THE LANGUAGE ARTS, K-8** **BWPEDU 597B**

This course focuses on the interrelationship of reading, writing, and listening and speaking. Students will explore current materials, instructional strategies, and formative assessments for reading and writing, and learn to identify emergent, early, transitional and fluent readers. This course will emphasize guided reading, reading aloud, working with words, the reading/writing connection, socio-cultural aspects of teaching literacy, and applying observation and informed instruction to students' reading and writing processes. Participants will learn classroom management techniques, explore literacy technology, and draw on videos and student work.
*3 Credits*

MORNING/AFTERNOON, SESSION II
July 9-19, MTuWTh 9:30am-3:30pm
Wheatley Cafeteria, Ms Frechon & Ms Lew, Sched No 709611

**TEACHERS WRITING FOR PUBLICATION** **BWPEDU 597C**

This course is designed for teachers who want to pursue publication while anchoring their writing with a theoretical framework. K-12 teacher participants will explore writing in the following genres: fiction, poetry and memoir. The course will focus on the success of teachers who will draw from their own publishing processes (how, why and where) and will replicate that experience with their students in the classroom. Participants will have an opportunity to read composition and education theory, and develop their own knowledge by keeping a response journal that will include reflections based on readings and class discussions. In addition, the course will include workshops from published teacher-presenters sharing their expertise on how publication has impacted their teaching. Writing Workshop is a staple throughout this course along with continued discussion of ways to use publication to engage students in reading and writing.
*3 Credits*

MORNING/AFTERNOON, SESSION II
Aug 6-9, MTuWTh 10:00am-4:00pm
(fall followup dates: Sept 4 and 25, Oct 16, Nov 6)
Wheatley Cafeteria, Ms Coleman, Sched No 709667

## Business Administration (MBA)

The College of Management provides a high-quality, high-value MBA program for a student body comprised largely of professionals living and working in the Boston metropolitan region, most of whom study part-time. The strengths of our program are our faculty, our small classes, and our flexibility.

Note: Current UMass Boston MBA students in good standing may register directly with the Division of Corporate, Continuing and Distance Education. Other UMass Boston graduate students must request written permission from the MBA Program Director to register. Summer MBA courses are generally not available to non-degree students. For further information, call the MBA Program Office at 617 287-7720.

**ACCOUNTING FOR MANAGERS** **MBA AF 610**

Instructs students in the fundamentals of financial and managerial accounting. The financial accounting component presents techniques used to measure business transactions, preparation of financial statements, recording and valuation of assets, owners' equity, revenue, cost and expenses. The managerial accounting component deals with techniques for management decision-making, planning, and control.
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-2-125, Mr Bierstaker, Sched No 708869

**ADVANCED CORPORATE FINANCE** **MBA AF 621**

This course is a natural extension of MBA AF 620, the core financial management course. It builds on the principles and concepts developed there and introduces such new topics as real options, convertible securities, lending, mergers and acquisitions.
*Prerequisite: MBA AF 620.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-2-125, Mr Ejara, Sched No 704333

**RESEARCH IN INFORMATION SYSTEMS** **MBA AF 697A**

This course has a twofold objective: to introduce students to basic research in information systems, and to provide some insight into information systems related issues in practical business contexts. The first objective is served by readings and critiques of a number of information systems research articles. To fulfill the second objective, students are required to conduct field studies on the information systems currently used by organizations. This course will provide a foundation for future graduate courses in information systems and enhance the understanding on the use of information systems in actual business settings.
*Prerequisite: MBA AF 610.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-2-158, Ms Chan, Sched No 710010

**ORGANIZATIONAL DIAGNOSIS AND CHANGE MBAMGT 653**
Focuses on the theory, research, and techniques of organizational diagnosis and change. Students learn how to engage in systematic structural and behavioral analyses and to design effective strategies for intervention and change.
*Prerequisite: MBAMGT 650.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-1-617, Mr Bowes, Sched No 710031

**BUSINESS AND ITS ENVIRONMENT MBAMGT 660**
Looks at the relationship of business to the external environment. The course considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the US business enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-2-418, Ms Jackson, Sched No 710017

**INTERNATIONAL AND COMPARATIVE MANAGEMENT MBAMGT 665**
Introduces students to the perspectives and dimensions of management and organizations in settings that span national boundaries. Course materials will stress the nature, structure, dynamics, and problems faced by international and multinational organizations. Adaptive and competitive strategic behaviors of firms working in cross-national environments will be analyzed as well as the array of economic, sociocultural, and political determinants of managerial behavior in these settings. (An international management elective.)
*Prerequisites: AF 601, MGT 650 and 660.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-616, Mr Boroschek, Sched No 704382

**MANAGEMENT OF HEALTH ORGANIZATIONS MBAMGT 680**
Explores the roles of the health systems manager as planner, organizer, leader, and integrator of health programs. Particular attention will be given to how these roles differ from industry's roles, as well as to the special demands made of the manager in a health systems organization.
*Prerequisite: MGT 650.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-2-621, Mr Bowes, Sched No 704410

**STRATEGIC MANAGEMENT MBAMGT 689**
Considers the diverse situations typically confronted by upper level management and strategies for managing these situations, using knowledge acquired through study of the MBA Core. These strategies are based on an analysis of the internal conditions of the firm and the constraints and opportunities afforded by the external environment. Students learn to develop strategy implementation plans that provide detailed descriptions of appropriate executive action.
*Prerequisites: This course is to be taken in the student's final semester of study.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-616, Mr Habib, Sched No 704424

**URBAN AND REGIONAL ECONOMIC DEVELOPMENT MBAMGT 697A**
This course will introduce the MBA student to the practical aspects of economic development in an urban and regional context. Students will be exposed to the legal framework for development of real estate in the Commonwealth for various purposes. The market tensions between urban, suburban, and rural sites will be explored. Students will learn to assess the forces that operate in taking a proposed development project through the local and state regulatory processes. Case studies will assist students in understanding the practical aspects of financing, permitting, presenting, and following through on conditions assigned during the approval process.
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-2-624, Mr Soule, Sched No 709758

**MARKETING MANAGEMENT MBAMKT 670**
Focuses on the strategic decisions necessary to match organizational resources with market opportunities. Students learn to analyze market opportunities, to develop marketing plans and marketing mix strategies, and to manage implementation and control of the marketing plan.
*Prerequisite: AF 610.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-1-621, Mr McClure, Sched No 704459

**BUSINESS TO BUSINESS MARKETING MBAMKT 675**
Examines the strategic and tactical issues of marketing business products and services. Special focus on high technology and other areas in which markets are fragmenting, life cycles are accelerating, and pressures for cost containment are increasing while margins are decreasing.
*Prerequisite: MKT 670.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
M-1-417, Mr Romar, Sched No 708897

### INTERNET MARKETING MBAMKT 677

Examines information technology and its impact on the way marketing managers conduct operations and develop strategies to achieve competitive advantage. The course is designed to help marketers understand how changing technology will affect their organizations and careers.
*Prerequisite: MKT 670.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-417, Ms Roberts, Sched No 704473

### ORAL COMMUNICATION FOR MANAGERS MBAACM 682

Helps students improve their oral communication skills. Its purpose is to improve (1) students' organizational effectiveness as managers, and (2) students' personal effectiveness as speakers. Course topics include the communication process, communicating in organizations, the substance of oral communication (argument and persuasion), and the form of communication (organization and delivery).
*Prerequisite: Completion of four MBA core courses.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-2-415, Ms Tolbert, Sched No 704347

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-2-415, Ms Tolbert, Sched No 704354

### MATHEMATICAL ANALYSIS FOR MANAGERS MBAMS 600

Provides the necessary mathematical skills and applications necessary to pursue graduate study at the College of Management. Topics covered include a review of basic algebra; graphing; linear, polynomial, exponential and logarithmic functions; functions of several variables; systems of linear equations; probability; differentiation and integration.
*3 Credits*
*Note: Before registering for this course, prospective students must fax a copy of their undergraduate transcript to Daniel Robb in the College of Management (617.287.7725); this fax should be followed by an official transcript, mailed to Daniel Robb, College of Management, UMass Boston, 100 Morrissey Blvd, Boston, MA 02125. Students wishing to enroll in this class must have a minimum of a 3.00 overall grade point average in their undergraduate studies.*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Wagner, Sched No 709919
Fee: $695 (plus $45 registration and service fees)

### OPERATIONS MANAGEMENT MBAMS 635

Familiarizes students with the analysis, planning, and control of operations and operating resources in both production and service organizations. Topics covered include product design and process selection, capacity planning, location and layout decisions, and inventory control. Analytical techniques used in system design and operations planning and control problems are also discussed. Students make use of computers and appropriate software to apply what they are learning.
*Prerequisite: MBAMS 630.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
M-1-417, Mr Richetta, Sched No 704550

### COMPUTER AND INFORMATION PROCESSING SYSTEMS MBAMS 640

Examines the role of information technology (IT) in supporting an organization's operations, strategy, and change efforts. The course offers a comprehensive review of modern information technology architectures covering current approaches to the organization and management of computer technology, telecommunications, data organization, and information system applications. Major emphasis is given to the critical role that computer technology and information systems methodology play in the re-design of business processes under different organizational settings. The course makes extensive use of case scenarios to describe and to research further some issues involved in the planning, development, and implementation of streamlined organizational processes and information system applications. Some modules may involve the hands-on use of personal computers.
*3 Credits*
*Special course fee: $555*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-617, Mr Stone, Sched No 708911

### PROJECT MANAGEMENT MBAMS 651

The pervasive nature of information systems and information technology (IS/IT) now influences most operational and managerial facets of modern organizations. Project management of the planning, designing, and implementation of information systems to meet corporate goals and objectives is an essential management process that can determine the success or failure of IS/IT projects. Topics include software development, life cycle models and paradigms, software cost estimation, project planning and risk analysis, work breakdown structure, project execution and control, project scheduling activities, automated project management tools, CASE tool and objective oriented applications, software maintenance and reuse, and software capability maturity models.
*Prerequisite: MBAMS 640.*
*3 Credits*
*Special course fee: $555*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-2-616, Ms Ashrafi, Sched No 704564

## Center for Social Development and Education

### EDUCATION REFORM: IMPACT ON SCHOOLS CSDEDU 510

Educators will review the changes in education over the last decade, with an emphasis on their impact on local schools and classroom teachers. Sample topics include: the environment that spawned the reform movement; federal and state initiatives; site-based management and curriculum reform. Reflection and analysis of local applications is included.
*Prerequisite: undergraduate degree in related field*
*2 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-July 12, Ms Zatta and Mr Earley,
Sched No TBA
Fee: $530 (plus $45 registration and service fees)

**SPECIAL EDUCATION: CHANGING THE MODELS OF INCLUSION** CSDEDU 520

Educators will review the changes in special education over the past decade, with an emphasis on local schools and classroom teachers. Sample topics include: the movement from education to inclusion; the changing nature of disabilities; the match between accommodation and instruction.
*2 Credits*

WWW.UMASSBOSTONONLINE.NET
July 16-Aug 23, Mr Johnson and Ms Brady, Sched No TBA
Fee: $530 (plus $45 registration and service fees)

## Classics

**LATIN LOVE POETRY** CLSICS 597A

Readings in the amatory poetry of Catullus, Horace, Virgil and the Roman elegists, with consideration of literary history, genre distinctions and constructs of self and society.
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 2:45-4:45pm
W-1-053, Ms McDermott, Sched No 709415

## Clinical Psychology

**FORENSIC PSYCHOLOGY** PSYCH 614

This course provides an overview of the relationship of criminal law and psychology and offers training in risk assessments and evaluation strategies. Through examination of actuarial data, criminogenic factors and various risk assessment tools, students will examine various approaches to evaluating offenders.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
M-1-617, Mr Nestor, Sched No 706517

## Computer Science

**THEORY OF FORMAL LANGUAGES** CS 622

This course treats languages from an abstract point of view as defined by formal grammars and by families of abstract machines. The Chomsky hierarchy and associated automata are covered. Emphasis is placed on context free languages. Careful mathematical definition and proof is stressed throughout. This course does not involve programming. This course is of special interest to students interested in linguistics and in the theory of programming language compilers.
*Prerequisites: CS 320, 350, or permission of instructor.*
*3 Credits*
*Special course fee: $750; Lab fee: $40*

EVENING, SESSION I
May 29-July 26, MTuTh 6:00-7:30pm
M-2-116, Mr Simovici, Sched No 708505

**DATABASE MANAGEMENT SYSTEMS** CS 630

Databases and database management systems. Physical database organization. The relational model. Relational algebra syntax and semantics. Relational calculus (tuple and domain oriented). Relational calculus vs. relational algebra). INGRES and QBE. Query optimization. Non-relational systems (hierarchical and network DBMSs). Distributed databases. Security aspects of databases.
*Prerequisites: CS 310 and 320.*
*3 Credits*
*Special course fee: $750; Lab fee: $40*

EVENING, SESSION I
May 29-July 26, MTuTh 7:45-9:15pm
M-2-116, Mr Simovici, Sched No 702324

## Counseling

**FOUNDATIONS OF MENTAL HEALTH COUNSELING** COUNSL 604

The intent of this course is to provide students with basic information on the principles and practices of mental health counseling. Topics include the history and philosophy of mental health counseling, professional identity, the roles of the mental health counselor, professional ethics, managed care, various contexts of practice and organizational structures, mandated clients, crisis intervention services, prevention, consultation, and an understanding of how diversity influences the practice of mental health counseling. Particular attention is given to the practice of mental health counseling in a range of such urban settings as homeless shelters and outpatient centers.
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-012, Mr Millman, Sched No 701680

**PRINCIPLES OF VOCATIONAL, EDUCATIONAL, AND PSYCHOLOGICAL ASSESSMENT** COUNSL 605

A survey of standardized tests used in assessing aptitudes, interests, and personality traits. The course covers technical and methodological principles and social, ethical, and legal implications of psychological testing.
*3 Credits*

AFTERNOON, SESSION I
May 30-July 12, MWTh 5:00-7:15pm
W-1-044, Staff, Sched No 701694

**PROFESSIONAL ISSUES IN COUNSELING** COUNSL 606

The purpose of this course is to create an awareness among counselors and other education professionals of their contribution in the therapeutic process and helping relationship. Topics include foundations for an ethical perspective; models for ethical decision making; ethical codes of counselor responsibilities; ethical concerns in multicultural counseling and with special client populations; and ethical issues in specific modalities (e.g. group, marriage, and family counseling, consultation, etc)
*Prerequisite: undergraduate degree*
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Mr Houser, Sched No 709884
Fee: $695 (plus $45 registration and service fees)

**ABNORMAL PSYCHOLOGY** **COUNSL 608**

A comprehensive view of abnormal behavior in modern times. The course makes use of the revised DSM III classification systems of mental disorders and examines patterns of abnormal behavior including neuroses, psychosomatic conditions, psychosis including affective disorders, schizophrenias, abnormal behaviors of childhood and adolescence, sexual dysfunctions, and drugs abuse. Brief coverage is also given to therapeutic treatments and their effectiveness.
*3 Credits*

EVENING, SESSION I
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-045, Ms Clarke, Sched No 708267

**COUNSELING THEORY AND PRACTICE I** **COUNSL 614**

The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in the use of various techniques. The course covers the essentials of interviewing, note taking, and report writing, and the role of diagnosis. Tapes and role playing are required.
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-040, Ms Clarke, Sched No 708302

**GROUP COUNSELING AND GROUP DYNAMICS** **COUNSL 616**

An introduction to group dynamics which uses the group process of the class to provide experience of group membership and data for interpretation. Participation as a group member is required. Readings and lectures build a cognitive base for evaluating the experiential learning.
*Prerequisite: Coun 615.*
*3 Credits*

EVENING, SESSION II
July 2-Aug 2, MTuWTh 7:15-9:15pm
W-1-012, Mr Mahdavi, Sched No 708274

**CHILD AND ADOLESCENT COUNSELING** **COUNSL 617**

This graduate-level course focuses on facilitating the unique development and emotional growth of children through the counseling process. The course is designed to enhance students' theoretical and practical understanding of the major schools of child psychotherapy. Emphasis is given to a multidimensional view of intervention, with attention to developmental, cognitive, behavioral, educational, multicultural and environmental issues. Through lectures, videotapes, and structured exercises, students learn a distinct group of interventions, including play and communication skills, as integral components of the therapeutic process.
*Prerequisite: COUNSL 614.*
*3 Credits*

EVENING, SESSION II
July 2-Aug 2, MTuWTh 7:15-9:15pm
W-1-040, Ms Weinreb, Sched No 708330

**SEXUALITY AND RELATIONSHIPS IN COUPLES AND FAMILIES** **COUNSL 624**

Course participants will study human sexuality within a relational and contextual paradigm. Students will review the development of human sexuality physiological function, the notion of normal and dysfunctional sexual behaviors, gender identities, sexual arousal, couple intimacy, and its implications for families and family therapy. This course draws from interdisciplinary knowledge to enhance the ability of clinicians to adequately intervene with couples and families. Students will analyze writings from biology, philosophy, women and men studies, psychology, family therapy, and public health. This course employs lectures, class discussion, readings, and clinical analysis.
*3 Credits*

EVENING, SESSION I
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-012, Ms Beaver, Sched No 708316

**CHILD ABUSE AND NEGLECT** **COUNSL 664**

This course addresses the growing problem of child abuse and neglect in American society, exploring the psychodynamic and sociocultural factors that contribute to child abuse. Emphasis is given to prevention, intervention, treatment, and the legal aspects of abuse and neglect.
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-1-045, Ms Weinreb, Sched No 701806

**SUBSTANCE ABUSE IN MODERN SOCIETY** **COUNSL 670**

This course surveys the broader problems caused by substance abuse in modern society, both presenting and analyzing data. Part of the course is devoted to a study of the physiological consequences of substance abuse. Consideration is also given to the family of the substance abuser, to various treatment modalities, and to the relationship between the criminal justice system and substance abuse rehabilitation.
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-1-043, Mr Mahdavi, Sched No 701820

## Critical and Creative Thinking

**CRITICAL THINKING** **CRCRTH 601**

This course explores issues about the nature and techniques of critical thought, viewed as a way of thinking aimed at minimizing error and irrationality in our beliefs and attitudes. Views about observation and interpretation, reasoning and inference, and valuing and judging are all considered in this general context, with special reference to questions about how we can help others to develop the skills needed to do these things well, in a variety of educational settings.
*3 Credits*

AFTERNOON, SESSION II
July 16-Aug 2, MTuWTh 1:45-4:45pm
W-1-046, Ms Smith, Ms Philpot, Sched No 701932

**SEMINAR IN CRITICAL THINKING** **CRCRTH 611**

This course involves research on and discussion of important issues of current concern about critical thinking. Topics include critical thinking; logic and knowledge; critical thinking about facts and about values: is there a difference? artificial intelligence models of critical thinking; teaching to be critical; and evaluating critical thinking skills.

*3 Credits*

MORNING/AFTERNOON, SESSION II
July 16-Aug 2, MTuWTh 9:00am-12:00pm
W-1-046, Ms Smith, Sched No 708344

**CRITICAL AND CREATIVE THINKING IN SCIENCE AND TECHNOLOGY** **CRCRTH 640**

This course explores issues about experiment, discovery, and application in science and technology, and the professional, social and moral issues to which these give rise. These issues are developed through discussion of such topics as inquiry and problem-solving in science; hypothesis formation; observation and experiment; theories, paradigms, and revolutions in the history of science; relationships between common sense and science; similarities and differences between critical and creative thinking in science and in other fields; problems in the social control of science and technology. Such examples as the space program, the discovery of the structure of DNA, genetics and genetic technology, risk-benefit analysis of nuclear technology, the role of women in science, and the controversy over ESP are explained in depth and detail; and related to more general themes about critical and creative thinking in science and technology. Implications of this study for science teaching and citizen activism are discussed.

*Prerequisites: CRCRTH 601 and 602, or permission of instructor.*

*3 Credits*

*For information on non-credit and single workshop options, contact the Program Office by phone (617.287.6520), email (cct@umb.edu), or the Web (omega.cc.umb.edu/~cct).*

MORNING/AFTERNOON, SESSION II
July 13-28, FS 9:00am-4:00pm
W-1-019, Team Taught, Sched No 708358

**CRITICAL AND CREATIVE THINKING IN THE WORKPLACE** **CRCRTH 697A**

The goal of this course is to improve the ability of students working in business, schools, social change groups, and other organizations to take initiative and generate constructive change. Through interactive, experiential sessions, students are introduced to and then practice using critical and creative approaches to communication, team-building, facilitating participation and collaboration in groups, promoting learning from a diversity of perspectives, problem-finding and solving, and reflective practice. This course is presented in three two-day workshops: Effective Teambuilding, Diversity Awareness, and Large Group Collaborative Design: Managing Complexity.

*3 Credits*

*For information on non-credit and single workshop options, contact the Program Office by phone (617.287.6520), email (cct@umb.edu), or the Web (omega.cc.umb.edu/~cct).*

MORNING/AFTERNOON,
July 20-Aug 4, FS 9:00am-4:00pm
W-1-020, Team Taught, Sched No 709653

## Dispute Resolution

**MEDIATION** **DISRES 601**

This course enables students to think as mediators. It provides a framework for defining the role of mediator and for mastering the techniques needed for the job. A variety of approaches to mediation are considered.

*3 Credits*

*Special course fee: $635.50*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-052, Ms Lutz, Sched No 708533

## Earth and Geographic Science

**UNIX SYSTEM AND NETWORK ADMINISTRATION** **E&GSCI 597A**

This is an introductory level course, focusing on the basic skills needed to set up and maintain a typical UNIX network. Topics include: startup/shutdown; file system partitioning and maintenance; various system configuration files; naming services; user and group administration; printing; backup/recovery; UNIX editors; shell programming and cron jobs; BSD vs. System V.

*3 Credits*

AFTERNOON, SESSION I
May 30-July 11, MW 3:00-6:00pm
GIS LAB, Mr Mahoney, Sched No 709688

## English

**THE TEACHING OF SHAKESPEARE** **ENGL 612**

This course combines intensive study of a few selected plays and poems with approaches to the teaching of Shakespeare, approaches which emphasize the speaking, hearing and acting of text and which address the linguistic and cultural obstacles to reading a sixteenth century British writer. Portions of the course will be devoted to workshops affording opportunities to practice these approaches and to see them practiced.

*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-050, Mr Slover, Sched No 708764

**THE BLACK PRESENCE** **ENGL 657**

Study of selected literary texts of the last two hundred years by major and minor authors who wrote with a special consciousness of the significance of black people in American society.

*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-050, Ms Brown, Sched No 708708

## Instructional Design

### INTRODUCTION TO INSTRUCTIONAL DESIGN INSDSG 601

This course provides an introduction to the cognitive and experiential content of the program. The course emphasizes the components of the instructional design model. Various models are analyzed, and students are expected to complete, as a final project, a learning module micro-design.
*Prerequisite: undergraduate degree*
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Hitch, Sched No 709905
Fee: $695 (plus $45 registration and service fees)

### WRITING FOR THE BUSINESS PROFESSIONAL INSDSG 614

This course is designed to help participants develop writing. It provides both analysis of written documents and a theoretical review of professional writing techniques. Assignments emphasize the writing tasks typically required of training and development specialists in any organization. They include the design, assessment, marketing, and evaluation of instruction. Participants develop the skills for effective communication with those outside the organization, and those at all levels within it.
*Prerequisites: InsDsg 601 and 602.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-030, Staff, Sched No 708792

### INTERPERSONAL SKILLS AND GROUP DYNAMICS INSDSG 620

This course introduces students to the body of knowledge governing interpersonal, intrapersonal, and public communication. Through readings and laboratory method, students learn human relations skills for effectiveness in personal and career situations. The course covers topics including perception, listening, conflict resolution, and group dynamics.
*Prerequisites: InsDsg 601 and 602, or permission of program director.*
*3 Credits*

EVENING, SESSION II
July 16-Aug 22, MW 6:00-9:00pm
W-1-030, Ms McGarry, Sched No 708806

### DESIGNING VIDEO FOR INSTRUCTION AND TRAINING INSDSG 697A

Instructional video remains an important aspect of today's training scene. It has transcended television and is used in many online learning programs (CBT/WBT). This course will examine the principles that need to be included to produce a successful training video. While it is not a hands-on production course, students will write production treatments, script drafts and analyze award-winning productions. Other elements discussed will include audio and video choices, editing, special effects, talent choices and other budget concerns. Students will gain the tools to make more cost-effective decisions in designing training productions and the concepts behind those decisions.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-030, Mr Shaker, Sched No 709625

### COLLABORATIVE LEARNING: TECHNOLOGY AND HUMAN INTERACTION INSDSG 697B

This course explores "collaborative learning"—the ways in which individuals and teams within organizations share information and learn together through interaction, and how that learning is enhanced through the use of technology. Related topics include organizational learning and knowledge management. The course will be structured to include 2 full Saturdays (16 hours), 4 evening sessions (12 hours) and 8 hours of structured independent study.
*3 Credits*

EVENING, SESSION II
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-030, Ms Driscoll, Mr Shirk, Sched No 709639

## Nursing

### PATHOPHYSIOLOGY FOR ADVANCED NURSES NURSNG 632

This course presents the pathophysiological knowledge required of the advanced practice nurse when diagnosing and treating common physical and mental illnesses throughout the life span. It explores current research findings relevant to the pathophysiology of common illnesses. Students analyze laboratory data in light of actual and potential pathophysiological processes. Special emphasis is given to the case study analysis of pathophysiological manifestations and related complications of common urban health problems.
*Prerequisite: Undergraduate pathophysiology course and permission of Mary O'Brien (617.287.7528) in the College of Nursing.*
*3 Credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms McAllister, Sched No 709106
Fee: $750 (includes all fees)

### ADVANCED HEALTH ASSESSMENT AND PROMOTION NURSNG 633

This course focuses on the theory and practice of health assessment and promotion within the family framework and across the life-span. Emphasis is given to concepts, theories, and research on human development, and to anticipatory guidance, prevention, and early detection of risk factors and disease. Students develop the advanced interviewing and physical assessment skills necessary to conduct episodic health assessments of clients and families. Special attention is given to promoting health and preventing and detecting disease in culturally diverse under-served clients and families living within urban communities.
*Prerequisites: Acceptance into the Graduate Nurse Practitioner Certificate Program, permission of the graduate program director, and NURSNG 632 and 634, which may be taken concurrently.*
*3 Credits*
*Special course fee: $750; Lab fee: 55*

LECTURE. AFTERNOON, SESSION I
May 29-Aug 21, Tu 5:00-7:00pm
Room TBA, Staff, Sched No 705187

LAB· EVENING, SESSION I
May 29-Aug 21, Tu 7:15-9:15pm
Sched No 705194

### PHARMACOLOGY FOR ADVANCED PRACTICE NURSES — NURSNG 634

This course emphasizes the pharmacological knowledge required by the advanced practice nurse to safely treat patients with common physical and mental illnesses. Students synthesize knowledge of clinical pharmacokinetics and pharmacodynamics for application to the management of common disease processes occurring in pre- and post-natal women, infants, children, adolescents, adults and older adults. Students analyze and discuss current research findings related to pharmaceutical therapies. Students are guided in the learning experience by faculty prepared in pharmacology and experienced in the role of applying the science of clinical pharmacology.

*Prerequisite: NURSNG 632 (may be taken concurrently) and permission of Mary O'Brien (617.287.7528) in the College of Nursing.*

*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Williams, Sched No 709023
Fee: $750 (includes all fees)

### HEALTH CARE POLICY I — NURSNG 741

This course provides a foundation for health policy analysis, focusing on the history and development of political, economic and social systems involved in health care, and on theories useful in the analysis of past, current and future health care policies. The course examines federal, state and local governmental structures, and ways in which they and other forces affect health policy.

*Prerequisite: NURSNG 701 Science as a Way of Knowing (or equivalent course)*

*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Russell, Sched No 709933
Fee: $695 (plus $45 registration and service fees)

### CONTEMPORARY DISCIPLINARY KNOWLEDGE — NURSNG 750

A multidisciplinary exploration of the structure and growth of knowledge. Examination of the linkages of empirical, aesthetic, ethical, personal, and sociopolitical patterns of knowing with the conceptual models or paradigms of diverse disciplines. Construction of conceptual-theoretical-empirical structures for theory-generating and theory-testing research.

*Prerequisite: undergraduate BA or BS degree*

*3 credits*

WWW.UMASSBOSTONONLINE.NET
May 29-Aug 23, Ms Fawcett, Sched No 709940
Fee: $695 (plus $45 registration and service fees)

## School Psychology

### NEUROPSYCHOLOGICAL THEORY AND PRACTICE IN EDUCATION — SPY G 610

This course examines neuropsychology, the study of brain and nervous system functions, in relation to adaptive behavior and learning, from a developmental viewpoint. The course looks at organismic versus specific localization theories about normal and dysfunctional conditions that affect moving, sensing, perceiving, assimilating, recalling, and expressing through diagnostic-prescriptive studies. Participants study learning abilities and disabilities from a neuropsychological perspective, which allows them to apply the analysis of learning styles to the implementation of individual instruction methods and education plans.

*Prerequisites: COUNSL 608 or SPY G 602; and SPY G 603.*

*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-062, Ms Leavell, Sched No 707315

## Special Education

### BEHAVIORAL AND CLASSROOM MANAGEMENT — SPE G 607

This course identifies major theorists, techniques, and procedures for facilitating constructive behavior in the classroom. Topics include observational recording systems, contingency contracting, and monitoring of behavioral progress. Emphasis is on prosocial skill development and classroom structures conducive to collaborative learning. Field work components are included.

*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-037, Staff, Sched No 707245

### DEVELOPMENTAL PATTERNS: IMPLICATIONS FOR THE SPECIAL EDUCATOR — SPE G 621

Participants study physical, cognitive, perceptual, and psychological aspects of the atypical developmental patterns of children and adolescents with varying disabilities. They explore the conceptual frameworks for understanding normalcy which address cultural, racial and ethnic expectations, family, community, and peer group norms, sex role demands, and psychological definitions. The course also examines the implications of federal and state laws, regulations, and policies related to students with disabilities and special educational needs. Emphasis is given to the relative effectiveness of differing remediation and therapeutic approaches for school-aged students with special needs.

*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-1-037, Staff, Sched No 707259

**CONSULTATION AND INTERPERSONAL SKILLS I SPE G 629**

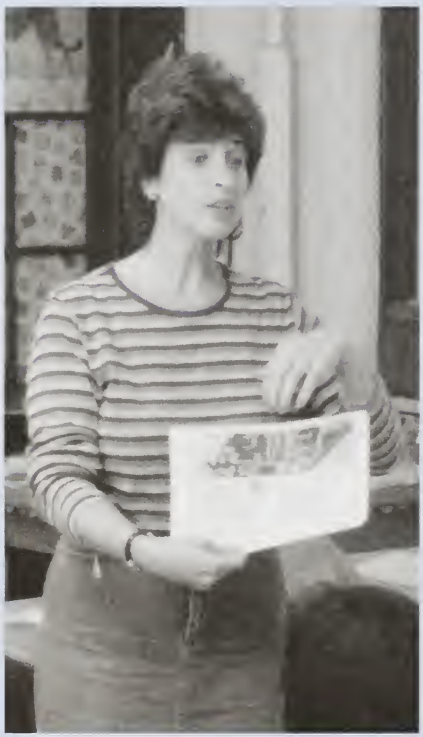
Students demonstrate an understanding of the principles involved in consultation and interpersonal skills. Intervention strategies and interviewing techniques will be stressed. Discussions include dynamics of the team process, roadblocks to communication and analysis of a school system, with subsequent in-service recommendations. Students have an opportunity to apply these learned skills while examining theory concurrently.
*3 Credits*

EVENING, SESSION I
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-037, Staff, Sched No 707273

**CONSULTATION AND INTERPERSONAL SKILLS II SPE G 630**

The course focuses on implementing effective strategies in working with parents of exceptional children. Participants become sensitive to the issues of parenting a child with special needs and learn to establish a collaborative relationship with parents that makes the best possible use of available resources.
*3 Credits*

EVENING, SESSION II
July 2-Aug 2, MTuWTh 7:15-9:15pm
W-1-037, Staff, Sched No 707287



## Teacher Education

**SOCIOCULTURAL PERSPECTIVES ON EDUCATION EDC G 606**

This course examines the interrelationships among students, schools and society. Participants learn about the ways in which race, class, language, and ethnicity influence how we define ourselves and each other in our various encounters within the broader culture of US society. The course examines the historical antecedents influencing how the lives of the immigrant and colonized peoples in the US are defined. It is designed as a foundation for understanding the policies, goals, assumptions, strategies, and practices of multicultural approaches to education; and draws on a variety of models to construct educational curricula that are multicultural and socially reconstructionist. Readings are placed within the context of public schooling today in order to develop students' "cultural consciousness" of the shared societal assumptions that we bring to our teaching experiences.
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-029, Ms Barron, Sched No 702793

**COMPUTERS, TECHNOLOGY, AND EDUCATION EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-048, Mr Kidwell, Sched No 702807

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 2:45-4:45pm
W-1-012, Mr McFarland, Sched No 702814

**DESIGNING INSTRUCTION: SCIENCE** **EDC G 619**

This course explores techniques for teaching science concepts to students in grades K-6, examining materials and curricula currently in use. The course focuses on the development of participants' skills in science, and on the use of questioning methods that help develop higher-level thinking skills in the young child. Participants have the opportunity to be both learners and instructors in a wide range of science activities.
*Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617 287-7625.*
*3 Credits*

AFTERNOON, SESSION I
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-010, Mr Pasciali, Sched No 708631

**TEACHING WRITING IN THE K-12 CLASSROOM** **EDC G 621**

This course deals with the teaching of writing, the teacher as writer, and the interactions between reading and writing. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching reading and writing in all subject areas. Students meet regularly in reader-writer response groups to work on their own writing and to respond to one another's writing about reading. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.
*Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617 287-7625.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-020, Mr Golden, Sched No 702842

**INCLUSION** **EDC G 630**

The intent of this course is to examine the theoretical and practical issues that teachers must address as they implement effective inclusion of children with disabilities in general education classrooms. Topics to be studied include: the legal foundations of inclusion; appropriate strategies for supporting the academic, behavioral and social aspects of inclusive teaching and strategies for productive interactions with other educators and parents. The central premise of this course is that inclusion requires collective attention to individual needs within the general education program. Class participants will become familiar with the roles of the general education teacher in special education; develop learning and behavior plans to address student needs and gain practice in analyzing school activities to maximize effective participation by a range of students. Field experience components are included.
*3 Credits*

EVENING, SESSION I
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-010, Staff, Sched No 708645

**READING IN THE CONTENT AREAS** **EDC G 640**

This course familiarizes participants with developmental reading techniques appropriate for students using various textual materials. Attention is given to the integration and application of reading and study skills in a number of content areas. Field-based observations are required.
*Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617 287-7625.*
*3 Credits*

EVENING, SESSION I
May 29-July 12, TuTh 6:00-9:00pm
W-1-048, Mr Quintiliani, Sched No 702863

MORNING/AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 11:45am-1:45pm
W-1-012, Ms Flemming, Sched No 702870

**DEVELOPMENTAL STAGES: CHILDHOOD TO ADOLESCENCE** **EDC G 644**

This course examines current research and theory about human intellectual, social, and affective development from infancy through adolescence. Topics include the development of linguistic, symbolic, and quantitative systems, cognition, creativity, the developmental interactions of culture, thought, language, and learning, and the implications of current developmental theory and research for educators.
*Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617 287-7625.*
*3 Credits*

AFTERNOON, SESSION II
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-1-029, Mr Kordelanski, Sched No 702898

**DESIGNING SECONDARY CURRICULUM AND LEARNING ACTIVITIES** **EDC G 660**

This course examines current principles of curriculum and instruction, and state and national standards for the teaching of the disciplines at the middle and secondary school levels. Students review teaching materials and methods, design curriculum units, develop strategies for communicating with students from diverse backgrounds, do micro-teaching, design assessment and evaluation instruments, and critique their own and one another's efforts. This is a field-based course in which students are asked to reflect on the learning and teaching they see in a variety of school sites, and apply what they observe as they design curriculum units.
*3 Credits*

EVENING, SESSION I
May 30-July 11, MW 6:00-9:00pm
W-1-020, Mr Grinnell, Sched No 702912

## Adapting Curriculum Frameworks for All Learners

This graduate certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

The following courses in this program are being offered during summer 2001:

- CSDEDU 510, Education Reform: Impact on Schools (page 53)
- CSDEDU 520, Special Education: Changing the Models of Inclusion (page 53)

For more information on the certificate program in Adapting Curriculum Frameworks for All Learners, contact Mary Brady at 617 287-7250 or e-mail to mary.brady@umb.edu.

## Database Technology

The program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

The following course in this program is being offered during summer 2001:

- CS 630, Database Management (page 53)

For more information on the certificate program in Database Technology, contact the Division of Corporate, Continuing, and Distance Education at 617 287-7913, or e-mail to kathleen.fitzpatrick@umb.edu.

## Dispute Resolution (K-12 Educators)

This 18-credit graduate certificate program and the 36-credit master of arts degree are designed for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation or designing conflict resolution mechanisms would be useful. In the programs, students develop and hone their dispute resolution knowledge and skills to better handle conflict. The curricula also provide students with a solid grounding in the theory that underpins conflict resolution practice.

The following course in this program is being offered during summer 2001:

- DISRES 601, Mediation (page 55)

For more information, please contact Amy Rebecca Gay, tel 617.287.7415, fax 617.287.7404, e-mail amy.gay@umb.edu, web: www.disres.umb.edu.

## Forensic Services

Forensic Services broadly encompasses criminal investigation, social science research, law, and the workings of related social service systems. The Graduate Certificate Program in Forensic Services is designed to provide a strong grounding in basic science, mental health counseling principles, and social theory, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments.

The following courses in this program are being offered during summer 2001:

- SOCIOL 623, Research Issues in Criminology and Alcohol Studies (page 49)
- SOCIOL 667, Sociology of Law (page 49)
- PSYCH 614, Forensic Psychology (page 53)
- COUNSL 604, Foundations of Mental Health Counseling (page 53)

For more information, please call the Division of Corporate, Continuing, and Distance Education at 617 287-7913, or e-mail to kathleen.fitzpatrick@umb.edu.

## Nurse Practitioner (Family or Gerontology/Adult)

These Certificate of Advanced Graduate Study (CAGS) programs are designed for registered nurses with a master's degree in nursing and strong clinical practice experience. The programs will prepare them to provide primary health care to families or adults/older adults as family or gerontology/adult nurse practitioners. Certificate students will focus their studies on health-related problems specific to individuals and families residing in urban communities. Each program comprises 27 credits.

The following course in this program is being offered during summer 2001:

- NURSNG 632, Pathophysiology for Advanced Nurses (page 59)
- NURSNG 633, Advanced Health Assessment and Promotion (page 59)
- NURSNG 634, Pharmacology for Advanced Practice Nurses (page 59)

For more information on the Nurse Practitioner certificate programs, contact the Division of Corporate, Continuing, and Distance Education at 617 287-7913, or e-mail to kathleen.fitzpatrick@umb.edu.

## Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 credits offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/ Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

If you would like further information on the certificate or the possible application toward a Masters of Education degree in Special Education, Regular Education, or Rehabilitation Counseling, please contact Robert McCulley, M.Ed., Program Coordinator, at 617 287-7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617 287-7620.

## Women in Politics and Government

The Program for Women in Politics and Government is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. The program begins in September and runs through May.

Students in the program earn credits from UMass Boston's MA Program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen credits for the certificate: nine credits in course work, six credits for the internship, and three credits through the final case-study project.

To obtain deadline and program fee information or application materials, or to arrange for a personal interview, please contact Jackie Mann, Assistant Director, Program for Women in Politics and Government, University of Massachusetts Boston, Division of Corporate, Continuing, and Distance Education, 100 Morrissey Blvd., Boston, MA 02125-3393; telephone 617 287-6785; e-mail jacqueline.mann@umb.edu.

## Spanish Court Interpretation

**JUNE 4-AUGUST 9**

During the past few years, Massachusetts has seen an increasing need for qualified court interpreters. Court interpreters are expected to master an ample field of expertise, and to fully understand the professional and ethical standards that define their position. A qualified court interpreter can look forward to a fulfilling career. The Certificate Program in Spanish Court Interpretation, a collaborative effort between UMass Boston's Department of Hispanic Studies and Division of Corporate, Continuing, and Distance Education, is designed to fulfill the need for an accredited academic program that will educate and professionally train future interpreters in the fundamentals of court interpretation.

The program comprises ten weeks of intensive class work (Monday through Thursday, 1:00-4:00pm) and laboratory practice. In addition, students will devote approximately 30 hours to individual laboratory practice and to visits to different court departments in order to fulfill course-related assignments. Program coordination and instruction is provided by experienced state-certified court interpreters. Upon completing the program, students will have acquired the necessary theoretical and practical skills to take the State Certification Exam administered by the Massachusetts Office of Court Interpreter Services.

For more information about the Certificate Program in Spanish Court Interpreation, please contact Kathy FitzPatrick at 617.287.7913, fax to 617.287.7922, or email kathleen.fitzpatrick@umb.edu.

## Human Resource Management

**(STARTS FALL 2001)**

The Certificate Program in Human Resource Management is designed expressly for those seeking a comprehensive overview of the human resource function and its strategic role in an organization's success. The program is recommended for general managers, new human resource professionals, and others in need of specific, hands-on, skill-based training in human resource management.

Classes are taught by skilled human resource professionals who will use a variety of methods including lectures, simulations, and case studies to focus on contemporary human resource issues and challenges.

Certificates will be awarded to all participants who maintain an attendance record of 90% or better, meet all program requirements, and receive a certificate recommendation from their instructor. Grading is on a pass/fail basis.

For more information about the Human Resource Management certificate program, please contact Susan Griffin at 617 287-7876, fax to 617 287-7297, or e-mail susan.griffin@umb.edu.

## Integrated Marketing Communications

**(STARTS FALL 2001)**

Over a quarter of all jobs in the United States are in marketing, advertising, sales or promotion. Even individuals whose management jobs are not directly involved with marketing must possess a basic marketing vocabulary and understanding of marketing issues.

The Certificate Program in Integrated Marketing Communications Strategy requires active participation, including homework and workshop requirements in addition to the development, creation and presentation of an Integrated Marketing Communications Campaign on a topic of the participant's choosing.

Program participants should have experience or education in marketing or communications and should have basic word processing skills. Participants will receive a certificate provided that they meet a 90% attendance requirement and receive an 80% grade on required homework and workshop assignments and the presentation of their Integrated Marketing Communications Strategy.

For more information about the Human Resource Management certificate program, please contact Susan Griffin at 617 287-7876, fax to 617 287-7297, or e-mail susan.griffin@umb.edu.

UMass Boston's distance learning programs are rapidly expanding in response to increasing demand and technological innovation. Our distance learning programs fall into two categories: online (Web-based) courses, and classroom courses delivered to remote sites via videoconferencing technology.

If you would like to learn more about UMass Boston's distance learning programs, visit our website (www.conted.umb.edu/dl) or contact Kitty Galaitsis (617.287.7925; katharine.galaitsis@umb.edu).

## Online Courses (umassbostononline.net)

Our online courses, new this summer, have been developed by UMass Boston faculty and are being delivered with the technological assistance of eCollege.com, one of the nation's most experienced and respected online service providers.

Below is a list of online courses available this summer. Descriptions and schedule information for these courses are available in the main course listings on pages 6-59, where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form and instructions on pages 79-80; if you register by mail or fax, please be sure to include your Email address. Our summer online courses mostly follow a thirteen-week schedule (May 29-August 23); start and end dates for each course can be found in the main listing for each course. More information can be found in the Academic Calendar (page 78).

As an enrichment of the online learning experience, each of these courses will include two on-campus class meetings, to be scheduled at the convenience of the students and instructor. These meetings are optional, and students unable to attend will be given alternative opportunities for enrichment.

*Technical requirements* for participating in online courses can be found at our online course gateway page, www.umassbostononline.net.

If you need further information, contact Kitty Galaitsis (617.287.7925; katharine.galaitsis@umb.edu) or visit our online course gateway at www.umassbostononline.net.

### UNDERGRADUATE ONLINE COURSES

- AF 201, Personal Finance (page 41)
- COMSTU 485, Using Internet Communications (page 15)
- CS 109, Computer Programming for Engineering (page 15)
- CS 444, Introduction to Operating Systems (page 16)
- IT 110, Visual Basic (page 24)
- IT 144, Introduction to Linux/Unix (page 24)
- IT 160, Introduction to Computer Security (page 25)
- MGT 130, Introduction to Business (page 42)
- POLSCI 220, International Relations (page 32)

### GRADUATE ONLINE COURSES

- APLING 697B, Language, Literacy and Community (page 49)
- COUNSL 606, Professional Issues in Counseling (page 54)
- CSDEDU 510, Education Reform: Impact on Schools (page 53)
- CSDEDU 520, Special Education: Changing the Models of Inclusion (page 53)
- INSDSG 601, Introduction to Instructional Design (page 56)
- MBAMS 600, Mathematical Analysis for Managers (page 52)
- NURSNG 632, Pathophysiology for Advanced Nurses (page 57)
- NURSNG 634, Pharmacology for Advanced Practice Nurses (page 57)
- NURSNG 741, Health Care Policy I (page 57)
- NURSNG 750, Contemporary Disciplinary Knowledge (page 57)
- PRFDVL 5X02, Integrated Technologies for Vocational-Technical Education (page 48)

## Videoconferencing (Picture-Tel) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Multi-Site Education (MUSE) program. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7925; katharine.galaitsis@umb.edu).

UMass Boston's Information Technology training programs are intended for professionals from a variety of business and employment backgrounds with differing levels of familiarity with computers and information technology. Whether you wish to improve existing skills to obtain a promotion, develop new skills to take advantage of careers in hot new areas of technology, or prepare for professional certification, these classes will deliver the training you need.

Course offerings cover a wide range of IT topics: network essentials, Web design principles and tools, database design and administration, applications development, and electronic publishing.

All of our trainers have real-world business experience and will advise you on how to use these skills in the marketplace. Our new state-of-the-art facility and low instructor-to-student ratio allows each participant the best possible learning environment. All materials are included in the price of the class.

#### FURTHER INFORMATION

If you would like more information about any of these programs, call Susan Griffin at 617 287-7876, e-mail it@umb.edu, or visit www.conted.umb.edu/it.

## A+

This program will fully prepare you to pass the A+ examinations and achieve your certification. In addition, you will be prepared to begin a career in this ever expanding and exciting field. Included in the curriculum and tuition is a computer that you will build during the program and, with a monitor, keyboard and mouse, take away at the end of the program.

A+ certification is administered by CompTIA (Computer Technology Industry Association), an organization backed by major computer hardware and software vendors, distributors, resellers and publications and demonstrates that you have the knowledge and skills to be successful as an entry-level computer service technician. To become certified you must pass two examinations: A+ Core Service Technician and A+ DOS/Windows Service Technician. These cover both hardware and software technologies.

#### HARBORSIDE CAMPUS

July 9-31, MTuWThF 9:00am-4:00pm
Sched No 29551-41

#### WESTBOROUGH

*(I-495 Professional Education Center—directions on page 70)*
Aug 6-28, MTuWThF 9:00am-4:00pm
Sched No 29552-41

Fee: $4,800 (Includes computer, monitor, keyboard, mouse, and all study materials. Does not include test fees.) Students may apply for a loan through the Sallie Mae student loan program.

## WebMaster Certification

The WebMaster certificate program was created to prepare students for careers in the exciting and fast-developing Web industry. The curriculum was developed to provide participants with an understanding of, and ability to develop, front and back end components of web sites. Thirteen different topics are examined in 222 hours of classroom time. A capstone project, the creation of a web site, is an integral part of the program. The presentation of the capstone project to a panel of judges is the final component of the program. Placement assistance is provided to participants.

The program takes a hands-on, practice-based approach to teaching. Our instructors are web professionals and professional teachers. Our average student to teacher ratio is 15 to 1. Classes are held in our modern computer (PC) lab with a 1 to 1 student to computer ratio. There are no formal prerequisites for the program; however, an understanding of Windows and familiarity with the World Wide Web and email is strongly recommended.

#### HARBORSIDE CAMPUS

June 4-Aug 21, MTuWTh 9:00am-4:30pm (no classes week of July 2)
Sched No 50001-41

#### WESTBOROUGH

*(I-495 Professional Education Center—directions on page 70)*
July 9-Aug 29, MTuWThF 9:00am-4:30pm
Sched No 50002-41

Fee: $7,000 (includes all materials fees). Students may apply for a loan through the Sallie Mae student loan program.

## MCSE Preparation Courses

These courses will prepare you for Microsoft Certified Systems Engineer (MCSE) examinations. MCSE certification has become one of the IT industry's most respected and sought-after qualifications.

MCSE preparation courses will be offered next in fall 2001.

The programs in English Language Study offered by the Division of Corporate, Continuing, and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency. Course work increases competence in all English language skills, including listening, speaking, reading, and writing.

### ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate course levels, they must attend an assessment session. The session consists of a short placement test, a writing sample, and an interview with a program instructor. The assessment is completed at the first scheduled class meeting.

### REFUND POLICY

Refunds will be granted to registered students who withdraw from English Language Study programs on the following basis:

| | |
|---|---|
| Withdrawn on or before second class meeting date: | 100% refund |
| Withdrawn on or before third class meeting date: | 50% refund |

No refunds will be granted aft er the third class meeting date.

### FURTHER INFORMATION

If you would like more information about any of these programs, call Susan Griffin at 617 287-7876, e-mail susan.griffin@umb.edu, or visit www.conted.umb.edu/esl.

## ESL in Boston

These two six-week sessions offer students at all levels of English proficiency an experience of intensive study of English language and selected topics in US culture. Classes are in session each weekday morning and two afternoons for a total of 24 hours per week. Language learning continues with suggested field trips and activities based around Boston's historical and cultural riches. Preparation for University study will be scheduled on request.

#### SESSION I

May 29-July 6
Sched No 24121-41

#### SESSION II

July 9-August 17
Sched No 24121-51
Fee: $1,295 per session

## English As a Second Language

### EVENING CLASSES

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

*English as a Second Language I, II, or III (weeknights):*
ESL I: Mondays and Wednesdays 6:00-8:00pm
ESL II: Tuesdays and Thursdays 6:00-8:00pm
ESL III: Tuesdays and Thursdays 6:00-8:00pm

#### SUMMER SESSION

June 4-August 23 (placement testing June 4 and 5; classes start week of June 11; no classes week of July 2)
Sched No 26192-41
Fee: $420

## Graduate Test Preparation Courses

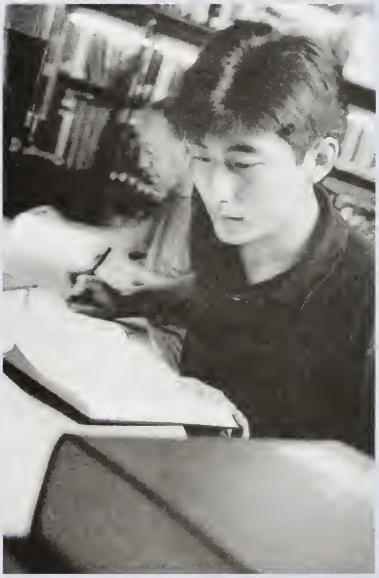
Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at the Harborside Campus. Enrollment is limited. Please register early, using the form on page 67.

*Note: Additional sections of grad prep courses are being added as this publication goes to press. For an up-to-date schedule, call 617.287.7914.*

### REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

The GRE exam is available only online at designated centers. However, we will still offer regularly scheduled prep courses. For more information, please call 1-800-GRE-CALL or go to www.gre.org.

June 12-July 26, TuTh 6:00-9:00pm
Sched No 22221-41
Course Fee: $325



### REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

*Review for the June 11 LSAT written exam*
May 1-June 7, TuTh 6:00-9:00pm
Course fee $325, Sched No 22241-41

*Review for the October 6 LSAT written exam*
Aug 28-Oct 4, TuTh 6:00-9:00pm
Course fee $325, Sched No 22241-51

### REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

The GMAT exam is available only online at designated centers. We will still offer regularly scheduled prep courses. For more information, please call 1-800-GMATNOW or go to www.gmat.org..

April 2-May 9, MW 6:00-9:00pm
Course fee $325, Sched No 22231-31

June 4-July 18, MW 6:00-9:00PM
Course fee $325, Sched No 22231-41

July 23-Aug 29, MW 6:00-9:00PM
Course fee $325, Sched No 22231-51

## Math Refresher Course

For those who are either math-phobic or interested in refreshing their math skills—for GMAT and GRE prep courses and exams, and other professional or educational endeavors—this course offers a review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, quadratic equations, formula solving and manipulation, and basic concepts of geometry. Students will be introduced to the language of math. Math shortcuts will also be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings. To register for this course, use the form on page 67.

July 23-Aug 22, MW 6:00-8:00pm
Course fee: $175, Sched No 22211-51

# Registration Form • Non-Credit Programs

Please Print

**Use this form to register for:**

- **Information Technology**
- **English Language Study**
- **Graduate Test Preparation**
- **Math Refresher Workshop**
- **Haitian Creole Summer Institute**

**Social Security #:** ___ – ___ – ____

**Name**
Last First Middle Initial

**Address**
No. & Street City State Zip

**Daytime Phone** ( )

**Evening Phone** ( )

**E-mail address**

**Sex** ◯ Male ◯ Female

**Date of Birth**
Month Day Year

**Current UMass Boston student?**

◯ Non-Matriculated ◯ Matriculated ___ Major
◯ Undergraduate ◯ Graduate

**Student at other college or university?**

◯ Yes ◯ No
If yes, where?

CE Staff Initials

Date Stamp

**Ethnic Survey Information. Please circle appropriate letter.**

**A.** American Indian/Alaskan Native
**B.** Black Non-Hispanic
**C.** Asian or Pacific Islander
**D.** Hispanic
**E.** Non-resident Alien
**F.** White Non-Hispanic
**G.** Other ___
**H.** Do not wish to report

**This is your only record of your registration transaction!! Please retain a copy for your records**

**Course Selections**

| Sched. No. | Title | Starting Date | Course Fee | Materials Fee | Total |
|---|---|---|---|---|---|
| ___ – ___ | | | | + = | |
| ___ – ___ | | | | + = | |
| ___ – ___ | | | | + = | |
| ___ – ___ | | | | + = | |
| ___ – ___ | | | | + = | |

**For Office Use Only**

**Please calculate payment below:**

Course and Materials Fees (total)

$25 Late Fee (if applicable)

**Total Payment Enclosed**

**Full payment must accompany all registrations**

**Method of Payment**

◯ VISA ◯ MasterCard
◯ Check ◯ Discover Card
◯ Waiver ◯ Bill Company/Agency

Send checks
(payable to UMass Boston) to:
UMass Boston
CCDE, Box NC
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617 287-7922

**Method of Registration**

◯ Mail ◯ FAX
◯ Phone ◯ Walk in

**MasterCard, VISA, and Discover Card Only**

You may pay fees through one of these three credit cards.
To do so, please provide the information requested.

___ – ___ – ___ – ___
Account Number

Expiration Date

Student Signature

Cardholder's Name
If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by

**Payment by Outside Agency**

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing, and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

Following are some of the offices, services, and activities available on the UMass Boston campus during summer sessions. Many of these services are supported by the Student Health, Activities and Athletics fees (see page 73).

## Corporate, Continuing and Distance Education Office

Wheatley Hall, second floor, room 203, 617 287-7900, FAX 617 287-7922, M-Th, 8:30am-6:00pm; F, 9:00am-4:00pm (May 15-16, May 29-31, June 4-5, July 16-19 and July 23: 8:30am-7:00pm)

The Division of Corporate, Continuing and Distance Education is responsible for the planning and supervision of the summer sessions. The CCDE office is set up to distribute information and resolve problems.

The Division on behalf of the University community welcomes to summer study both UMass Boston students and students visiting from other institutions. We hope that you find your course work challenging and rewarding. We will make every effort to insure that the administrative and procedural aspects of your experience are as efficient and trouble-free as possible. We welcome any comments or suggestions.

## Summer Student ID Cards

ID cards are required for the use of such facilities as libraries and the Clark Athletic Center. They may be obtained at the Boston Campus through the Student Life Office (Wheatley Hall, 4th floor, room 178) Monday through Thursday, 9:30am-12:00 noon and 1:00-5:00pm. During the first two weeks of each session, the afternoon hours will be 1:00-6:00pm.

Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617 287-7957 to get a list of acceptable alternate forms of identification. The charge is $5.00 (cash or money order; no personal checks). Current UMass Boston students taking summer courses need only present their ID card at the office to obtain a summer validation sticker.

## Bookstore

Quinn Administration Building, UL (Upper Level), 617 287-5090; M, 8:30am-7:00pm; Tu-Th, 8:30am-6:00pm; F, 8:30am-5:00pm; May 29 (Tu) 8:30am-8:00pm; May 30 (W) 8:30am-7:00pm; July 16 (M) 8:30am-7:30pm

## Academic Advising and Career Counseling

University Advising Center McCormack Hall, third floor, room 625, 617 287-5500 (May 20-August 30) M-F, 8:30am-5:00pm (walk-in services available M-Th 9:00am-5:00pm, F 9:00am-3:00pm); evening hours by arrangement.

## Tutorial Services

College of Arts and Sciences Office of Academic Support Programs McCormack Hall, third floor, room 421, 617 287-6550 M-Th 9:00am-5:00pm; scheduled group tutoring sessions and tutoring by individual appointment.

## Financial Aid Services

Quinn Administration Building, first floor, 617 287-6300; M-Th 8:30am-5:00pm; F 10:00am-4:00pm.

The Financial Aid Services Office provides assistance in the processing of grants, scholarships, loans, and College Work-Study awards. It is also responsible for the coordination of all student employment on campus.

Student loans for the summer session are available to all UMass Boston students enrolled during the spring in an eligible degree or certificate program. Students should call or visit the Financial Aid Services Office in April for further details. All other students should explore aid possibilities with the financial aid offices at their own institutions.

Educational benefits offered through the Veterans Administration may be used during the summer session. Veterans should contact the Office of Veterans Affairs to determine their eligibility.

## Veterans Affairs Office

Quinn Administration Building, Office of the Registrar, room 20, 617 287-5875; M-F 8:30am-5:00pm

The Veterans Affairs Office assists all veterans in obtaining their educational benefits, and helps them to resolve related problems.

## Housing Referral Service

The University's Housing Referral Service helps prospective and currently enrolled UMass Boston students, and other members of the University community, find places to live. The service, which operates free of charge, maintains listings of Boston-area rooms, apartments, and houses for rent, and listings of students looking for room-mates. For more information, call 617 287-6011 or visit our office, located in the Quinn Administration Building, first floor, room 25, Monday-Thursday, 9:00am-5:00pm and Friday, 10:00am-4:00pm.

## Child Care Center

270 Mount Vernon Street (Harbor Point), 617 287-6195, M-F 8:00am-5:00pm

If space allows, child care is available to summer students at UMass Boston. The child care program is operated by trained personnel; a subsidized fee scale determines charges. Children between the ages of 18 months and 6 years are eligible.

## Health Service

The University Health Service offers outpatient medical care, counseling, health education, and mental health programs for all enrolled students. Students may be seen by appointment or on a walk-in basis. The Medical Service provides unlimited medical visits, gynecological care, health counseling, routine laboratory work, and referrals when necessary. The Mental Health and Counseling Service provides personal growth counseling and crisis intervention as well as information, consultation and referral, and walk-in emergency services. The Health Promotion Program supports the clinical efforts of the Health Service and promotes responsible health consciousness throughout the University community by sponsoring workshops, drop-in information/referral services, and special events. The PRIDE Program is designed to promote responsible decision making relative to the use of alcohol and the absence of use of other drugs through workshops, drop-in information, and special events related to stress management, weight management, smoke cessation, and AIDS education.

### MEDICAL SERVICE

Quinn Administration Building, second floor, room 040, 617 287-5660
Summer session hours: M-Th 8:50am-6:30pm; F 8:50am-4:30pm

### MENTAL HEALTH AND COUNSELING SERVICE

Quinn Administration Building, second floor, room 042, 617 287-5690
Summer session hours: M-F 8:50am-4:30pm

### HEALTH PROMOTION PROGRAM

McCormack Hall, first floor, room 613, 617 287-5685
Summer session hours: M-F 9am-4:30pm

### PRIDE PROGRAM

McCormack Hall, second floor, room 414, 617 287-5680
Summer session hours: M-F 9am-4:30pm

## Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the Boston Campus plaza, easily accessible from the catwalk that connects all buildings on campus.

The Healey Library's summer hours are as follows: Monday through Thursday, 8:00am-9:00pm; Friday, 8:00am-5:00pm; Saturday 9:00am-5:00pm; Sunday, closed. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617 287-5903. For further library information, call 617 287-5902.

## Computer Labs

The Central Computer Center facilities, which include a VAX terminal room, IBM-PC labs, and Macintosh labs, are located on the Upper Level of Healey Library. The facilities are open to summer students who present a valid summer session ID card and proof of summer registration. During the summer session, the facilities are open Monday-Thursday, 9:15am-8:45pm, and Friday, 9:15am-4:45pm. For more information, please call the Computing Services Help Desk at 617 287-5220.

## Adaptive Computer Lab

Healey Library, Lower Level, room 019, 617 287-5227; M-Th 9:15am-8:45pm; F 9:15am-4:45pm.

The Adaptive Computer Lab provides computer access for students, faculty, and staff with disabilities.

## Ross Center for Disability Services

McCormack Hall, first floor, room 401, 617 287-7430; MF 8:30am-5:00pm; Tu-Th 8:30am-7:00pm; other hours by arrangement.

The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

## Athletics

Catherine Forbes Clark Athletic and Recreation Center, 617 287-7800, M-F 10:30am-7:00pm, Sat 9:00am-1:00pm; closed Sundays

Beacon Fitness Center, 617 287-6786, McCormack Hall, first floor; MW 6:00am-10:00pm, TuTh 7:00am-10:00pm, F 6:00am-8:30pm, S 9:00am-1:00pm; closed Sundays

The Clark Center houses a swimming pool, a gymnasium, and combative and creative areas. The Beacon Center on the first floor of McCormack Hall includes Nautilus and free weights, an aerobics area, cardiovascular machines, and squash and racquetball courts. An athletic field, eight tennis courts, and a softball field are available for student use. Organized activities are listed in a schedule available at the Athletics Office on the first floor of the Clark Center. Note: a current, valid UMass Boston ID is required for entrance to all University athletic facilities.

## Urban Harbors Institute Programs

The Urban Harbors Institute offers lecture series, harbor cruises, marine safety classes and internships. For information, contact Madeleine Walsh at 617.287.5568.

## Sailing Program

Sailing instruction is offered from April 15 through October 15. Appropriate certification is awarded according to the level of proficiency achieved. Fourteen Mercury sailboats, five Lasers, and eight rowing dories are available at the sailing dock, which is next to the pump house, near the Healey Library.

For hours and further information, please call 617 287-7833.

## Student Life Office

The Student Life Office presents a variety of social and cultural summer programs. Past events have included cookouts, tickets to whale watching trips, movie passes, and museum tickets. For a complete and current listing of events please visit the Student Life Office, Wheatley Hall, 4th floor, room 181, 617 287-7950, Monday through Friday, 9:00am-5:00pm.

## Joiner Center Summer Programs

The William F. Joiner Center for the Study of War and Social Consequences offers two annual summer programs: The Vietnam Institute (June 26-28) for high school teachers teaching about the Vietnam War, and the Writers' Workshop (June 17-29) involves two weeks of working sessions and individual consultations with distinguished writers.. For information on the Vietnam Institute, contact Paul Atwood (617.287.5850); for information on the Writers' Workshop, contact T. Michael Sullivan (617.287.5850). Information about these programs is also available on the Web at omega.cc.umb.edu/~joiner.

## Harbor Art Gallery

This student-run gallery exhibits professional and student work. It is located on the first floor of McCormack Hall.

## Mass Media

The student-run newspaper is published every other Tuesday during the summer. It is available at various stands around campus. For more information, call 617 287-7990.

## WUMB

UMass Boston's radio station operates at 91.9 on the FM dial and features a varied format of music and public affairs programming. For more information, call 617 287-6900.

## Recreation

Video games and pool tables are available in the recreation room located in the McCormack Hall Cafeteria.

## Cafeterias

Quinn Administration Building, UL (Upper Level)

McCormack Hall, third floor

Wit's End Cafe (Wheatley Hall, third floor, room 116)

## Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

*From the north or west:* Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

*From the south:* Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

**DIRECTIONS TO THE I-495 PROFESSIONAL EDUCATION CENTER IN WESTBOROUGH** *(Information Technology Training)*:
Interstate 495 to Exit 23B (Route 9 West), 3.3 miles to Route 135. Right onto 135 west. Mass. Technology Park Corp. entrance on right, 100 North Drive.

**DIRECTIONS TO MINUTEMAN SCIENCE AND TECHNOLOGY HIGH SCHOOL** *(Technical Education Courses)*:
Interstate 95 (Route 128) to Exit 30B (Route 2A West). Second left, 758 Marrett Road.

## Parking

Parking is available at the University in two underground garages, designated LL (lower level) and UL (upper level), as well as in an outside lot. Operators of all vehicles except motorcycles must pay $3.50 per day to park on campus (motorcycles: $1.75 per day). Discount passes are available for an entire semester, a calendar month, or for 10, 30, 45, or 60 individual days of parking. Contact the Parking Office at 617 287-5041 for more information.

## Public Transportation

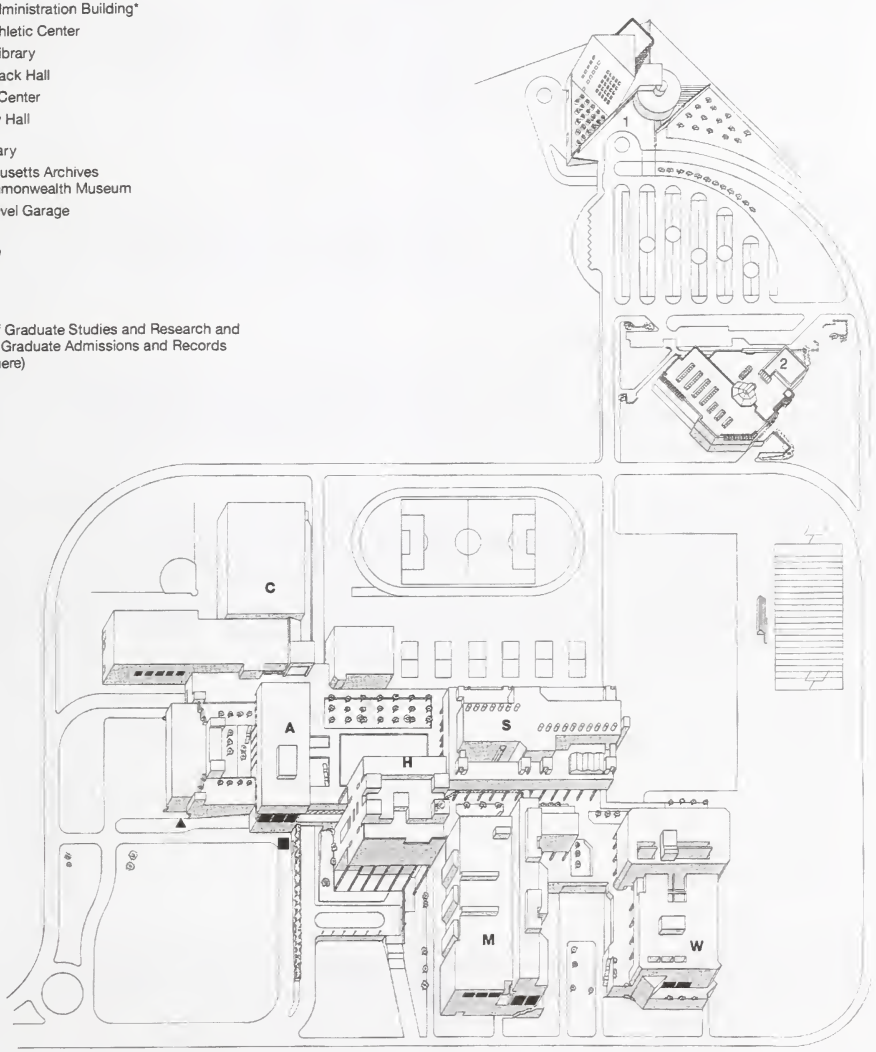
Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617 287-5040.

Legend

**A** Quinn Administration Building*
**C** Clark Athletic Center
**H** Healey Library
**M** McCormack Hall
**S** Science Center
**W** Wheatley Hall

1 JFK Library
2 Massachusetts Archives and Commonwealth Museum
■ Lower Level Garage Entrance
▲ Bus Stop

*(Office of Graduate Studies and Research and Office of Graduate Admissions and Records located here)



## Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

**COME TO AN UNDERGRADUATE INFORMATION SESSION.**

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617 287-6000.

**COME TO A GRADUATE OPEN HOUSE.**

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617 287-6000.

**GET IN TOUCH BY PHONE OR EMAIL.**

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617 287-6010). You can also email us at enrollment.information@umb.edu.

**VISIT OUR WEB SITE.**

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

**SEND US THIS COUPON.**

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

**PLEASE NOTE!**

If you're interested in joining us as a degree-seeking undergraduate student in fall '01, call us right away! Space in some programs may still be available. The number to use is 617 287-6000.

## Course Fees

| | |
|---|---|
| Undergraduate | $150 per credit* |
| Graduate | $165 per credit* |

**Subject to Board of Trustees approval*

Note: The standard course fee for a 1-credit undergraduate course is $150; for a 3-credit course, $450. In a few cases, however, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the course fee is always included as part of the course description.

## Lab Fees and Special Course Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions. The lab fee for each course must be paid at the time of registration.

A few courses require special additional fees, which must also be paid at the time of registration. These fees are indicated in the schedule listings.

## Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each summer.

**The following fees are paid by ALL STUDENTS TAKING SUMMER CREDIT COURSES:**

| | |
|---|---|
| Registration Fee (non-refundable*) | $30.00 |
| Educational Service Fee | 15.00 |

**The following fees are paid by students taking on-campus courses (they do not apply to students taking only online or other off-campus courses):**

| | |
|---|---|
| Student Health Fee** | 28.00 |
| Student Activities Fee | 10.00 |
| Student Athletics Fee | 30.00 |
| Technology Fee | 50.00 |

**The following fees are paid only by students to whom the specified conditions apply:**

| | |
|---|---|
| Transcript Fee (for non-matriculated students) | 3.00 |
| Late Registration Fee (when applicable—see Academic Calendar, page 78) (non-refundable*) | 25.00 |
| Returned Check Fee (when applicable) | 25.00 |

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

***This fee supports the University Health Service; it is not health insurance.*

## Payments

Students must pay course and service fees in full before their registrations will be accepted. No payment will be accepted after the add/drop deadline. Students may use the following methods to make payment:

### CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

### MASTERCARD, VISA, OR DISCOVER

The University will accept payment by MasterCard, VISA, or Discover for all CCDE course and service fees. Please fill out the appropriate section of the registration form.

### CASH

Cash payments are made only at the Bursar's Office (Quinn Administration Building, second floor; M-F, 9:00am-4:30pm.) After your completed registration form has been verified at the CCDE Registration Center (Wheatley Hall, second floor, room 203), you should make a cash payment at the Bursar's Office, where you will be given a receipt. You should then return to the CCDE Registration Center and submit the receipt along with your registration form. Registration is not official until this receipt has been submitted.

### PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing, and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

## Course Fee Waiver Policy

The Division of Corporate, Continuing, and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Credit course fee waiver policies apply only at the standard rate of $150 per undergraduate credit and $165 per graduate credit. Thus, in the case of a credit course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Waivers used for professional training and non-credit courses apply only to the instructional cost of the course or program; the materials and other costs associated with non-credit courses or programs must be paid in full.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full, except in the case of senior citizens (see below).

Anyone eligible for course fee waivers must submit documentation when registering; waivers cannot be used retroactively.

Students using waivers must register during a special waiver registration period (see Academic Calendar, page 78).

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.

2 The course for which the waiver is being used must be a credit-bearing course.

3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office (tel. 617 287-5875).

4 They must have their registration form approved by the UMass Boston Veterans Affairs Office.

5 Veterans must have served during a period considered by the Commonwealth of Massachusetts, MGL Chapter 4, Section 7, as wartime service.

Senior citizens are eligible for a waiver of all fees (except materials fees and other exceptional course-related fees) upon submission of an acceptable document indicating that the registrant is 60 or older.

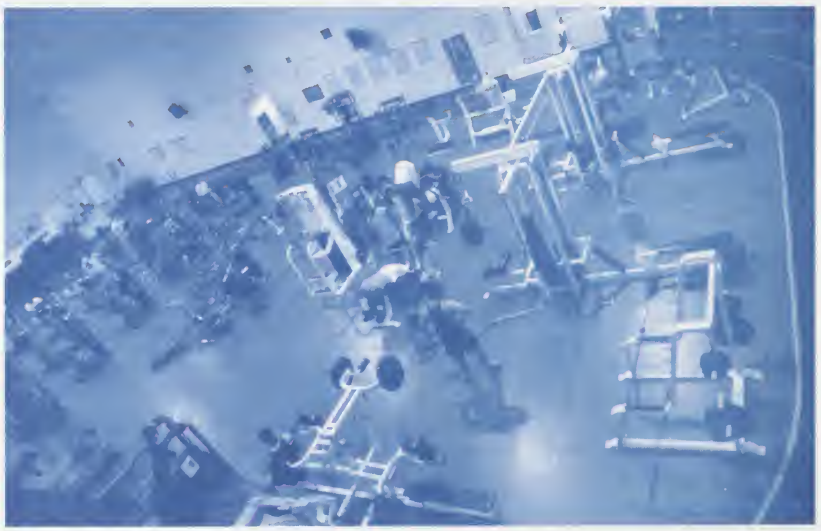
Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

The Division of Corporate, Continuing, and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Note: Waivers may not be used for Music 185 (Private Music Lessons; see page 28).



## Eligibility for Enrollment

UMass Boston students, students from other institutions, even students who have been out of school for years—all take summer courses at UMass Boston. Credits earned in these courses are normally accepted as transfer credits by other colleges and universities. Summer enrollment does not imply admission to a UMass Boston degree program (if you are interested in seeking admission, see page 72). Students who take UMass Boston courses before entering UMass Boston degree programs may apply up to sixteen undergraduate credits earned before matriculation, or six graduate credits, to UMass Boston degree requirements. Students who have outstanding financial obligations to the University, or who are not in good academic standing, may not enroll.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work. It is the responsibility of students to meet prerequisites for individual courses. Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617 287-7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form. (Note: permission procedures differ for College of Management courses. For details, see page 41.)

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in summer graduate courses, providing they hold a bachelor's degree and meet course prerequisites. Some courses also require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

| | |
|---|---|
| Bilingual/ESL Studies | 617 287-5760 |
| Business Administration | 617 287-7720 |
| Computer Science | 617 287-6440 |
| Counselor Training | 617 287-7617 or 7600 |
| Critical and Creative Thinking | 617 287-6520 |
| Dispute Resolution | 617 287-7421 |
| Education | 617 287-7625 or 7600 |
| Educational Administration | 617 287-7610 or 7600 |
| English | 617 287-6700 |
| Instructional Design | 617 287-5980 or 7600 |
| School Psychology | 617 287-7602 or 7600 |
| Special Education | 617 287-7620 or 7600 |

### SPECIFIC CAS REQUIREMENTS

*Please note: These requirements do not reflect recent changes in the UMass Boston General Education Curriculum, which apply to students matriculating in Fall 2001 or after. Such students should consult the most recent edition of the UMass Boston Undergraduate Catalog.*

Many courses described in this publication fulfill College of Arts and Sciences (CAS) distribution requirements, as indicated by a note following the course description that refers to the "Distribution Area" to which the course belongs. Those whose numbers are preceded by "C" are distribution courses which also meet the College's core requirement. Although they are open to non-matriculated students, all of the "distribution courses" meet specific requirements for CAS matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CAS matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (M/3/625; 617 287-5500).

Materials concerning the CAS writing proficiency requirement are available from the Core Curriculum Office (M/4/603; 617 287-6330).

Courses that meet the CAS diversity requirement are identified in a note following the course description. For more information on the diversity requirement, contact the Center for the Improvement of Teaching (W/5/007; 617 287-6767).

## Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center, McCormack Hall, 3rd floor, room 612, on the dates below. The diagnostic test in English is required only for non-native speakers.

| DATE/DAY | TIME | DATE/DAY | TIME |
|---|---|---|---|
| April 23 (M) | 1:00pm | May 29 (Tu) | 1:00pm |
| April 24 (Tu) | 5:00pm | May 30 (W) | 10:00am |
| April 25 (W) | 3:00pm | June 1 (F) | 10:00am |
| April 26 (Th) | 11:00am | June 4 (M) | 1:00pm |
| April 30 (M) | 5:00pm | June 8 (F) | 1:00pm |
| May 1 (Tu) | 12:00pm | June 15 (F) | 1:00pm |
| May 2 (W) | 1:00pm | June 22 (F) | 1:00pm |
| May 3 (Th) | 5:00pm | June 29 (F) | 1:00pm |
| May 4 (F) | 10:00am | July 6 (F) | 1:00pm |
| May 7 (M) | 10:30am | July 11 (W) | 5:00pm |
| May 8 (Tu) | 3:00pm | July 12 (Th) | 1:00pm |
| May 10 (Th) | 5:00pm | July 13 (F) | 1:00pm |
| May 14 (M) | 12:00pm | July 16 (M) | 1:00pm |
| May 18 (F) | 10:00am | July 19 (Th) | 1:00pm |
| May 24 (Th) | 5:00pm | July 20 (F) | 1:00pm |

Tests are given at the hours specified above; please arrive on time. Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams. For further information, please call 617 287-5522.

## Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617 287-7914.

## Advising

Academic advising is available during the day or evening, by appointment, at the CCDE Office. For more information, call Ed Zaleskas at 617 287-7900.

## Independent Study

Only matriculated UMass Boston students may register for Independent Study.

With the approval of the department and the satisfaction of any departmental prerequisite(s), undergraduates can register for independent study through the Scheduling Office, located in the Registrar's Office on the first floor of the Quinn Administration Building. Undergraduates pay University course fees as specified in the Spring 1999 Schedule of Courses.

With graduate program approval, graduate students can register for independent study through the Division of Corporate, Continuing, and Distance Education at normal CCDE course fees.

## Internships and Cooperative Education

The College of Management and the departments of Political Science and Sociology offer credit for internships and cooperative education sections during the summer. Only matriculated UMass Boston students may register, and each department has its own requirements. For further information, contact:

College of Management: Career Resources Center, 617 287-7760;

Political Science: Prof. Paul Watanabe, 617 287-5652

Sociology: Prof. Gerald Garrett, 617 287-6250

## Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, credits for the course count as graduation credits, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five credits cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, page 78). Pass/fail forms are available at the Summer Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

## Grades

Grades reported by instructors are listed below, with numerical values indicated for grades A through F.

| | |
|---|---|
| A | 4.0 |
| A– | 3.75 |
| B+ | 3.25 |
| B | 3.0 |
| B– | 2.75 |
| C+ | 2.25 |
| C | 2.0 |
| C– | 1.75 |
| D+ | 1.25 |
| D | 1.0 |
| D– | 0.75 |
| F | 0.0 |
| P | Pass (in a pass/fail course) |
| Inc | Incomplete |
| Y | Interim grade in a declared year-long course |
| W | Withdrew |
| NA | Did not attend |

Instructors may report a grade of "Inc" if personal circumstances of extreme difficulty, such as serious illness, have kept a student from completing a portion of his or her required class work or from taking a final examination, or if an Incomplete is warranted for scholarly reasons. If a student's record is such that he or she would fail a course regardless of the quality of work yet to be done, an "F" will be reported.

A student can obtain credit for an Incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an "F." The initiative for removal of the Incomplete grade rests with the student.

An incomplete on a final grade report is not represented in the student's temporary grade point average. When the incomplete is later converted to a grade, the average is calculated again and the student is notified.

Once a grade is submitted, it cannot be changed except by approval of the department chairperson.

## Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the Summer Registration Center at the Boston Campus (Wheatley Hall, second floor, room 203). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar) will result in a grade of "F". Non-attendance does not constitute withdrawal.

## Academic Standing

### MATRICULATED STUDENTS

A matriculated student who has been dismissed or suspended, or who is on academic probation, may not register for CCDE courses, and may not enroll as a non-matriculated student. For more complete information regarding retention, please refer to the "Academic Regulations" section of the UMass Boston undergraduate catalog.

### NON-MATRICULATED STUDENTS

All non-matriculated students are subject to the following minimum retention standards:

| Total UMass Boston credits | Minimum cumulative average |
|---|---|
| 1-11 | 1.75 |
| 12 and above | 2.00 |

A non-matriculated student who does not meet these retention standards shall be dismissed from the University. All appeals for reinstatement should be directed to the Faculty Council Committee on Standards and Credit. The materials required for such an appeal are 1) a typed letter of appeal stating a) the reasons leading to the academic standing; b) the student's academic goals; and 2) transcripts from other schools attended. A letter of recommendation from a UMass Boston faculty member is optional. These materials should be submitted to: Faculty Council Committee on Standards and Credit, Registrar's Office, University of Massachusetts Boston, 100 Morrissey Blvd., Boston, MA 02125-3393. The deadlines for submitting reinstatement appeals are June 1 for summer or fall registration and November 1 for spring registration.

## Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE courses should contact their college or university concerning specific transfer requirements.

UMass Boston credits are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE course in which the student wishes to enroll for transfer credit.

## Transcripts

All students who wish transcripts sent to other schools must complete transcript request forms in the Registrar's Office (1st floor, Quinn Administration Building) or call 617 287-6224.

# Academic Calendar for Summer Courses

| Session I | "A" Session 6-Week Courses May 29-June 12 | "R" Session 4-Week Courses May 29-June 29 | "Q" Session 9-Week Courses May 29-July 27 | ONLINE COURSES May 29-Aug 23 |
|---|---|---|---|---|
| Registration begins | April 2 (M) | April 2 (M) | April 2 (M) | April 2 (M) |
| Waiver registration begins* | May 16 (W) | May 16 (W) | May 16 (W) | May 16 (W) |
| Registration deadline | May 18 (F) | May 18 (F) | May 18 (F) | May 18 (F) |
| Late registration begins** | May 21 (M) | May 21 (M) | May 21 (M) | May 21 (M) |
| Classes begin | May 29 (Tu) | May 29 (Tu) | May 29 (Tu) | May 29 (Tu) |
| Add/drop deadline | June 5 (Tu) | June 5 (Tu) | June 5 (Tu) | June 5 (Tu) |
| Pass/fail–withdrawal deadline | June 19 (Tu) | June 12 (Tu) | July 3 (Tu) | July 10 (Tu) |
| Last day of class | July 12 (Th) | June 28 (Th) | July 26 (Th) | Aug 23 (Th) |
| REFUND SCHEDULE*** | | | | |
| Deadline for 100% refund | May 31 (Th) | May 31 (Th) | June 1 (F) | June 5 (Tu) |
| Deadline for 50% refund | June 5 (Tu) | June 1 (F) | June 6 (W) | June 12 (Tu) |

| Session II | "B" Session 6-Week Courses July 16-August 23 | "T" Session 4-Week Courses July 2-August 2 | "C" Session 3-Week Courses July 17-August 3 |
|---|---|---|---|
| Registration begins | April 2 (M) | April 2 (M) | April 2 (M) |
| Waiver registration begins* | July 3 (Tu) | June 20 (W) | July 3 (Tu) |
| Registration deadline | July 6 (F) | June 22 (F) | July 6 (F) |
| Late registration begins** | July 9 (M) | June 25 (M) | July 9 (M) |
| Classes begin | July 16 (M) | July 2 (M) | July 16 (M) |
| Add/drop deadline | July 23 (M) | July 10 (Tu) | July 23 (M) |
| Pass/fail–withdrawal deadline | August 7 (Tu) | July 17 (Tu) | July 24 (Tu) |
| Last day of class | August 23 (Th) | August 2 (Th) | August 2 (Th) |
| REFUND SCHEDULE*** | | | |
| Deadline for 100% refund | July 18 (W) | July 5 (Th) | July 17 (Tu) |
| Deadline for 50% refund | July 20 (F) | July 9 (M) | July 18 (W) |

*Waiver registrations will only be accepted for courses held in the session indicated.
**A $25 late fee will be assessed for all registrations (including waiver registrations) conducted during this period.
***For information on refund policies and procedures, see facing page. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

## Holidays

The University will be closed on the following days:

| | |
|---|---|
| Patriots' Day | April 16 (M) |
| Memorial Day | May 28 (M) |
| Bunker Hill Day | June 18 (M) |
| Independence Day | July 4 (W) |

## Registration Hours

Monday-Thursday, 8:30am-6:00pm
(open until 7:00pm on the following days:
May 29-31, June 4-5, July 16-19, July 23)

Friday, 9:00am-4:00pm

## Registration Information Line

If you have any questions about our registration process, please call 617 287-7914.

## When to Register

Students can register from April 2 through May 16 for all summer courses. After May 16, registration for the second six-week session, the second four-week session, and the three-week session is possible until the deadlines indicated in the Academic Calendar.

It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Late registration will take place during the periods listed in the Academic Calendar. Late registration is also possible between the first class meeting and the add/drop deadline (see Academic Calendar); in this case, permission of the instructor is required. Students registering late must pay a $25 fee.

## How to Register

Students may use any of the following methods to register:

### TELEPHONE REGISTRATION

To register by telephone, call 617 287-7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 9:00am-4:00pm. Payment can be made only by credit card (MasterCard, Visa, or Discover). Please fill out the registration form on the opposite page and be ready to refer to it before calling.

### MAIL OR FAX REGISTRATION

To register by mail or fax, fill out the registration form on the opposite page. Send it with full payment to the address indicated on the form or fax it to 617 287-7922. For mail registration, payment can be made by check or credit card (MasterCard, Visa, or Discover). For fax registration, payment can be made only by credit card. Mail registrations must be postmarked by the registration deadline for the applicable session (see Academic Calendar). Registrations postmarked after that date will be assessed a $25 late fee.

### WALK-IN REGISTRATION

Walk-in registration takes place at the Summer Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm (May 29-31, June 4-5, July 16-19 and July 23, 8:30am-7:00pm), and Friday, 9:00am-4:00pm.

Payment can be made by check, credit card (MasterCard, Visa, or Discover), or cash (Note: Cash payments can only be made at the Bursar's Office, which is open until 4:30pm). For details, see "Payments" (page 73).

*Note: All registrations are accepted on the basis of available space. Full payment is required before registrations are accepted.*

## Adding and Dropping Courses

Students may add or drop courses before the add/ drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617 287-7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped).

## Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled may register for another course or request a refund. The course fee will be refunded in full to any student who has paid for a canceled course and does not wish to register for another course in its place. If all courses for which the student has registered are canceled, service fees will also be refunded.

## Refund Policy

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (page 78). Non-attendance does not constitute dropping a course. Students dropping a course must file a Change of Registration/ Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203).

Note: Some *special programs* have a different refund policy. For details, call 617 287-7913.

*Non-credit programs* do not follow the Academic Calendar and have their own refund schedules, which can be found under individual program listings.

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student must initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment with MasterCard, VISA, or Discover, the refund must be returned as a credit to the cardholder's account. Please be sure to provide the number of the account to be credited. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

Refunds of credit card payments will usually be processed within four to five business days.

Refunds of payments made by check will take ten to fifteen business days.

# Registration Form • Summer 2001 Courses

Social Security #: ___ – ___ – ____

Name
Last First Middle Initial

Address
No. & Street

City State Zip

Daytime Phone ( ) Evening Phone ( )

E-mail address

CE Staff Initials

Sex ◯ Male ◯ Female Date of Birth
Month Day Year

Postmark Date

**If you have already registered for summer courses, do not use this form. Instead, to register for additional courses or to drop a course, you must obtain a Change of Registration form from the Corporate, Continuing and Distance Education Office.**

**Are you a current UMass Boston student?**

◯ Non-Matriculated
◯ Undergraduate Major _____
◯ Graduate Major _____

**If you are a student at other college or university**

Where?_____

**Ethnic Survey Information. Please circle appropriate letter.**

**A.** American Indian/Alaskan Native
**B.** Black Non-Hispanic
**C.** Asian or Pacific Islander
**D.** Hispanic
**E.** Non-resident Alien
**F.** White Non-Hispanic
**G.** Other_____

**Please follow the example below when indicating course selections. Be sure to include six-digit schedule numbers.**

| Sched. No. | Department and Course Number | Title | Session (I or II) | Faculty Initials (if necessary) | Credits | | Course Fee/ Credit* | | Lab Fee (if any) | | Total Course and Lab Fee |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 123456 | Art 123 | Sample Course | I | — | 3 | x | 150 | + | — | = | 450 |

**Course Selections**

| Sched. No. | Department and Course Number | Title | Session (I or II) | Faculty Initials (if necessary) | Credits | | Course Fee/ Credit* | | Lab Fee (if any) | | Total Course and Lab Fee |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | x | | + | | = | |
| | | | | | | x | | + | | = | |
| | | | | | | x | | + | | = | |
| | | | | | | x | | + | | = | |

**For CCDE Office Use Only**

| Summer I | | Summer II | | C/C/W | |
|---|---|---|---|---|---|
| Ses | | Ses | | Code | Amt |
| UGrad | | UGrad | | | |
| Grad | | Grad | | | |
| Occ | | Occ | | | |
| Cct | | Cct | | | |
| Reg | | Reg | | | |
| Eds | | Eds | | | |
| Late | | Late | | | |
| Rsvce | | Rsvce | | | |
| A/H/A | | A/H/A | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Total | | Total | | Total | |

**This form is the only record of your registration. Please make a copy.**

**Method of Payment**

◯ MasterCard ◯ Check
◯ Discover Card ◯ Waiver
◯ VISA ◯ Other

Send checks (payable to UMass Boston) to:
UMass Boston
CCDE, Box C
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617 287-7922

**Method of Registration**

◯ Mail ◯ FAX
◯ Phone ◯ Walk-in

**Full payment must accompany all registrations. Cash payments can be made only at the Bursar's Office before 4:30pm.**

Nota: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

**MasterCard, VISA, and Discover Card Only**

You may pay fees through one of these three credit cards. To do so, please provide the information requested.

____-____-____-____

Account Number

Expiration Date

Student Signature

Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by:

***Course Fees**

| | |
|---|---|
| Undergraduate | $150/credit |
| Graduate | $165/credit |

**Please calculate payment below.**

Course and Lab Fees (total)

Total Service Fees $163
($45 if taking only online or off-campus courses)

**Subtotal**

Transcript Fee**

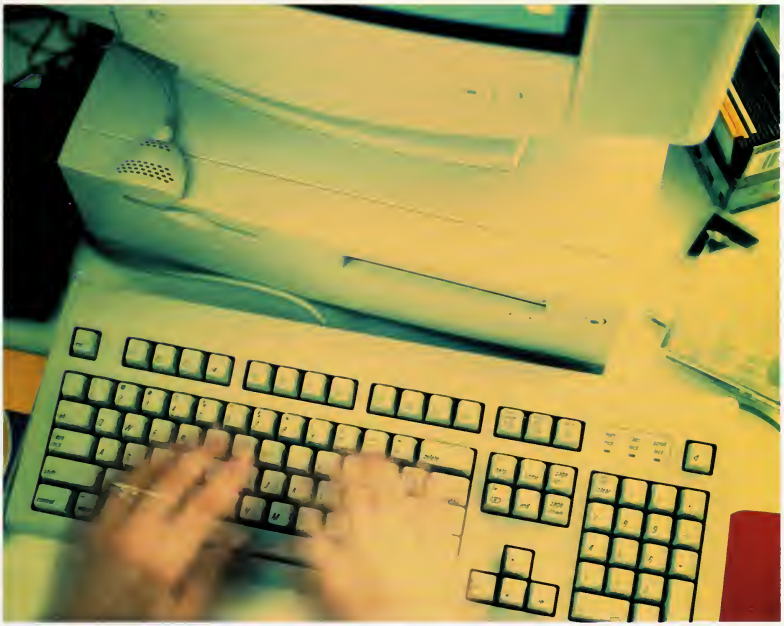
Late Fee***

**Total Payment Enclosed**

**$3; required of non-matriculated students
***$25 if applicable; see "When to Registar," page 79.

# Where is **UMass Boston?**

## *Wherever You Are!*



UMass Boston Online offers undergraduate and graduate courses with a commute that's as convenient as the distance between you and your PC.

**SUMMER 2001 OFFERINGS INCLUDE COURSES IN:**

- Computer Science
- Management
- Communications
- Applied Linguistics
- Education
- Nursing
- Political Science

...with more still to come.

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**or contact Kitty Galaitsis: 617.287.7925 • email: katharine.galaitsis@umb.edu**

# Division of Corporate, Continuing, Distance Education

FAQ
Frequently Asked Questions

**Inside you'll find all the information you need in order to take advantage of the wide range of learning opportunities we have to offer. You'll also find the answers to some frequently asked questions, such as:**

## What programs are available?

Just for starters, you can enroll in credit courses offered in several different sessions over the summer (pages 6-59), certificate programs (pages 60-62); distance learning offerings (page 63); information technology training (page 64); English language courses (page 65); and many other learning options. To find out more, look inside, starting with the table of contents on page 1.

## How much will it cost?

Fees for most credit courses are $150 per credit (undergraduate) and $165 per credit (graduate). That's $450 plus registration and service fees for a typical 3-credit undergraduate course (some credit courses have special fees, which are listed along with the course description). For non-credit programs, fees are listed with program descriptions. For information on our fee and payment policies, see pages 73-74.

## When and how can I register?

Registration for credit courses starts Monday, April 2; the complete Academic Calendar is on page 78. You can register for non-credit programs any time up to a week before the program's starting date. You can register by phone, mail, fax, or in person (see page 79).

## How do I get there?

Directions and a campus map can be found on pages 70-71. This summer, for the first time, we are offering online courses (page 63; see also the inside front and back cover pages).

## What if I have other questions?

If you can't find the answers inside, call us at 617.287.7900, email us at continuing.education@umb.edu, or visit our Web site at www.conted.umb.edu. We'll do our best to help.

University of Massachusetts
UMASS Boston

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